

WebSphere Data
Interchange



Messages & Codes

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Interchange



Messages & Codes

Note!

Before using this information and the product it supports, read the information in "Notices" on page 273.

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This edition of this document applies to WebSphere Data Interchange for z/OS, Version 3.2.1.

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About this book

WebSphere Data Interchange Messages and Codes provides guidance to electronic data interchange (EDI) administrators, programmers, and support personnel in using messages and codes associated with IBM® WebSphere® Data Interchange Version 3 Release 2.

This book provides information on Data Interchange messages and codes in the z/OS® and CICS® environments. This book does not document the programming interfaces used by customers when writing programs that request or receive the services of . It provides information to assist in diagnosing errors when developing application programs that use .

Changes After Publication

The README file on the product tape may contain additional information or changes made after this book was published.

Who Should Read This Book

This book is intended to guide electronic data interchange (EDI) administrators, programmers, and support personnel in interpreting system status and correcting system problems. The personnel should be familiar with, or have a working knowledge of:

- Customer Information Control System (CICS)
- Data Interchange
- A programming language such as COBOL, C, or Assembler
- An IBM relational database management system such as Virtual Storage Access Method (VSAM) or DB2®

Type Conventions

Some type conventions are used in this book. Understanding what they mean can help you learn the material covered.

All application program interface (API) commands, parameters, and record names are printed in the text in small uppercase letters.

SESSIONEND

Default values in the text of this book appear in boldface type.

The default value is **est**.

There are many syntax examples in the book. These examples appear in a different typeface from the rest of the text. Required parameters and values are shown in boldface type in the syntax examples. Parameter variables are printed in italics, and default values are underlined.

fileid(*fileid*) format(n|y)

Because you do not have to worry about case when typing API commands, all examples are illustrated for you in lowercase letters. You can use uppercase or lowercase letters as you wish when typing API commands, although you must follow JCL requirements when using EXEC commands.

```
audit account(123at) userid(name);
```

All terms included in the glossary are shown in italics at their first occurrence in the text of this book.

To locate information in this book, use the table of contents, the list that is shown below under the heading “How This Book is Organized,” and the index.

How This Book is Organized

This book contains the following information:

- Chapter 1, “Introduction to Data Interchange Message Formats,” introduces the Data Interchange message formats.
- Chapter 2, “Data Interchange Messages,” describes messages.
- Chapter 3, “Return codes and extended return codes,” describes return codes and extended return codes.
- Chapter 4, “Utility condition codes,” describes condition codes, return codes, and extended return codes.
- Chapter 5, “Data Transformation condition and error codes,” describes data transformation error and condition codes.
- Chapter 6, “Document Layout Utility messages,” describes document layout utility messages.
- Chapter 7, “User Abend Codes,” describes Data Interchange user abend codes.
- Appendix A, “Interpreting the event log,” provides a chronological record of significant Data Interchange events.
- Appendix B, “Interpreting the Trace Output,” describes service trace output.

Related Books

The following books contain information related to the topics covered in this guide:

- *CICS Application Programming Reference*, SC33-1170
- *Customizing and Developing Applications with Expedite/CICS*, GC34-3304
- *Data Interchange Administrator’s Guide*, SB34-2002
- *Data Interchange Programmer’s Reference*, SB34-2001
- *Data Interchange Installation Guide*, GB09-8070
- *DB2 Application Programming Guide*, SC26-4081
- *DB2 Messages and Codes Manual*, SC26-4113
- *MQSeries® Application Programming Reference*, SC33-1673
- *WebSphere MQ for z/OS Messages and Codes*, GC33-0819
- *OS/VS Virtual Storage Access Method (VSAM) Programmer’s Guide*, GC26-3838
- *TSO Programming Services Manual*, GB21-1987
- *VSAM Macro Instruction Reference*, SC26-4517

Chapter 1. Introduction to Data Interchange Message Formats

This chapter provides an introduction to Data Interchange message formats. This chapter describes:

- Identifying message types
- Interpreting message titles

Identifying Message Types

Data Interchange messages are of three types:

- Displayed
- Logged
- Both displayed and logged

You can identify a *displayed message* in this book by the explanatory text that follows it. This is the same text you see when you press the Help key to request help for a displayed message.

A *logged message* is put into the event log. It usually has a symptom string that contains information explaining the cause of the error. This information can include:

- Module that detected the error
- Location code within the module
- Data Interchange service called
- Return code (either Data Interchange or another product such as VSAM)

In many cases, you can use this information to solve the problem. In some cases, the modules and return codes are internal to Data Interchange and have meaning only to support personnel.

Another category of message can print either on the console or a system printer. In some cases, these messages would normally be logged, but the log file is not accessible.

Interpreting Message Titles

Messages are listed alphabetically by the first two characters of the message prefix, such as TR in the message TR0012. After this 2-character prefix, messages are listed in numerical sequence.

These first two characters of the message also identify the component that issues the message. The second and third characters of the ID are the prefix for the messages they issue. For example, translation services has a component ID of ETR, and the messages it issues have a prefix of TR.

Some components, such as translation services, log status information about the data being processed. This is explained in Appendix A, "Interpreting the event log."

Component IDs

The table below contains the major Data Interchange components. These components can be referenced in messages and codes by any one of these names. The second and third characters of the component ID are the prefix for all messages. For example, messages for translation services ETR have a prefix of TR.

Table 1. Component IDs

ID	Logical name	Physical name	Common name
CE	ERRORS	EDICEML	See "Common Error Services" on page 178.
CM	COMM	EDICM	See "Communication Services" on page 178.
CR	CRINTRM	EDICRIT	Continuous receive
CS	None	EDICSGN	Control string generator
EI	EXPORT	EDIEIEE	Export facility
EI	EXPORTB	EDIEIEX	Export batch services
EI	IMPORT	EDIEIII	Import facility
EI	IMPORTB	EDIEIIM	Import batch services
EL	None	EDIELAR	See "Event Logging Archive Process" on page 182.
EL	ELMENU	EDIELMM	See "Event Logging Services" on page 180.
EL	ELPRINT	EDIELPR	See "Event Logging Print Process" on page 184.
EL	EVENTS	EDIEL	See "Event Logging ADAM processing" on page 188.
FF	EDIFF01	EDIFF01	Send translate utility services
FF	EDIFF02	EDIFF02	Send network utility services
FF	EDIFF03	EDIFF03	Receive network utility services
FF	EDIFF04	EDIFF04	Receive translate utility services
FF	EDIFF05	EDIFF05	Print customized view utility services
FF	PRTFILE	EDIFFPR	Print file services
FF	UTILSRV	EDIFFUS	Batch utility program
LT	N/A	EDILTMF	Layout tailor
MP	MAINMENU	EDIMP00	Main menu
MR	MGMTREP	EDIMRS	See "Management Reporting Services" on page 189.
MS	MESSAGES	EDIMSML	See "Message Services" on page 189.
PM	PMPRINT1	EDIPMP1	Profile print member list services
PM	PMPRINT7	EDIPMP7	Profile print data services
PM	PROFLEMT	EDIPM	Profile maintenance facility
PS	PROFLESV	EDIPSMN	See "Profile Services" on page 196.
QS	QSAMHDL	EDIQSS	See "Repository Services" on page 200.
RS	DATABASE	EDIRSML	See "Repository Services" on page 200.
RS	DB2MSGFM	EDIRSMG	DB2 message formatter services
SA	SECURITY	EDISA	Security facility
SC	SCPRINT	EDISCPR	Standard customization print services
SC	STNDARDS	EDISCML	Standard customization facility
SI	SCREEN	EDISI00	See "Screen Interface Services" on page 201.

Table 1. Component IDs (continued)

ID	Logical name	Physical name	Common name
SO	EDISO00	EDISO00	Sign-on facility
SO	SIGNON	EDISO00	Sign-on facility
SU	EDISUMN	EDISUMN	Standards apply facility
TD	APPDATA	EDITDMF	Application data format facility
TD	TDPRINT	EDITDPR	Application data format print services
TF	TRANSFAC	EDITFMN	Transaction Store facility
TF	TRANSPRT	EDITFRS	Transaction Store report services
TM	TBLMAINT	EDITM	Table maintenance facility
TM	TMPRINT1	EDITMP1	Table maintenance print services
TM	TMPRINT2	EDITMP2	Table maintenance print services
TP	MIGMAP	EDITPMM	See “Migrating Mapping Service” on page 195.
TP	TPPRINT	EDITPPR	Trading partner transaction print services
TP	TPTRANS	EDITPT	Trading partner transaction definition facility
TR	DIUCFAC	EDITRXF	Translation control functional acknowledgment services
TR	DIUCFDAT	EDITRXF	Translation control functional acknowledgment services
TR	DIUCIAC	EDITRXF	Translation control functional acknowledgment services
TR	DIUCMDAT	EDITRXF	Translation control functional acknowledgment services
TR	EDIASCII	EDITRF2	Translation ASCII filter services
TR	EDIBAUDO	EDITRF3	Translation BAUDO filter services
TR	EDICHKI	EDITRCF	Translation check data user exit services
TR	EDICHKU	EDITRCF	Translation check data user exit services
TR	EDIHEX	EDITRF1	Translation hex filter services
TR	EDIQQF	EDITRCF	Translation check data user exit services
TR	IBMFILTR	EDITRF4	Translation filter router services
TR	IBMNSPA	EDITRAA	Translation authentication services
TR	IBMNSPE	EDITREE	Translation encryption services
TR	IBMTSSA	EDITRAA	Translation authentication services
TR	IBMTSSE	EDITREE	Translation encryption services
TR	TRACKMAN	EDITR	Translation services
TR	TRANPROC	EDITR	Translation services
TR	TRGETPUT	EDITRGP	Translation encryption get/put services
TS	EDITSRSS	EDITSRSS	Transaction Store resolve network acknowledgment services
TS	GEMSGHL	EDITSGE	Transaction Store GEIS message handler
TS	INB1MSG	EDITSI2	Transaction Store IN message handler
TS	INMSGHL	EDITSIN	Transaction Store IN message handler
TS	INMSGHLB	EDITSINB	Transaction Store IN message handler

Component IDs

Table 1. Component IDs (continued)

ID	Logical name	Physical name	Common name
TS	TRANSPRS	EDITSPS	Transaction Store parser services
TS	TRANSSRV	EDITSS	See “Transaction Store services” on page 208.
TV	EDITS	EDITV00	See “Edit Services” on page 179.
VN	GEISVAN	EDIVNGE	GEIS network interface
VN	PTTOPT	EDIVNPT	Point-to-point network interface
VN	VANICICS	EDIVNCC	VANI IN network interface
VN	VANIINB1	EDIVN	VANI IN network interface
VN	VANIINR3	EDIVN	VANI IN network interface
VN	VANINFC	EDIVN	VANI IN network interface
Z	ENVSERV	FXXZCSD	See “Service Director” on page 202.
Z	FXXZTYPE	FXXZTYPE	Write to the screen services
Z	INITSERV	EDIZINIT	See “Initialization Service return codes” on page 203.
Z	SYNCSERV	EDISYMN	Syncpoint manager services

Chapter 2. Data Interchange Messages

Data Interchange messages in this chapter are ordered by the two letter prefix that determines the type of the message. See “Component IDs” on page 2 for information on the Component IDs used to determine the message prefixes.

Table 2. Message types

Prefix	Location
AM	6
CE	8
CM	9
CR	11
EI	17
EV	24
FF	27
FM	58
GB	59
MB	68
MP	69
MQ	70
MS	71
PS	72
QS	76
RS	77
RU	80
SA	81
SI	83
TF	87
TR	108
TS	150
TV	153
UP	154
UT	159
VA	169
VN	170
VS	176

AM Messages

AM0001 Call to AMM function
**cpiCreateParserFactory failed. Return
Code was &1, Parser Id is &2.**

Severity: 12

Problem Determination: An attempt was made to create a parser factory. This attempt failed with the cpiCreateParserFactory return code shown. The parser did not complete successfully.

User Response: This is normally caused by an internal program error. Consult your support center.

AM0002 Call to AMM function
**cpiDefineParserClass failed. Return
Code was &1, Parser Id is &2.**

Severity: 12

Problem Determination: An attempt was made to create a parser factory. This attempt failed with the cpiDefineParserClass return code shown. The parser did not complete successfully.

User Response: Verify that is installed correctly. If possible, take corrective action. Otherwise, consult your support center.

AM0003 An attempt to write data to a TSQ
**failed. The CICS return code was &1
and the hexadecimal representation of
the TSQ name was &2.**

Severity: 12

Problem Determination: There was an attempt to write data to a TSQ. This attempt failed with the DFHRESP code shown. The transformation did not complete successfully.

User Response: Look up the DFHRESP code in the CICS Programmer's Reference and take corrective action. If you are unable to resolve this problem, consult your CICS Systems Programmer and/or support center.

AM0004 An attempt to read data from a TSQ
**failed. The CICS return code was &1
and the hexadecimal representation of
the TSQ name was &2.**

Severity: 12

Problem Determination: There was an attempt to read data from a TSQ. This attempt failed with the DFHRESP code shown. The transformation did not complete successfully.

User Response: Look up the DFHRESP code in the CICS Programmer's Reference and take corrective action. If you are unable to resolve this problem,

consult your CICS Systems Programmer and/or support center.

AM0005 An error occurred while parsing the XML
**document. Message text from parser is:
&1.**

Severity: 8

Problem Determination: The CICS Java™ parser encountered a warning while parsing an XML document.

User Response: Examine the message returned from the XML Parser to determine the action to take.

AM0006 Call to cpiCreateAndInitializeElement
failed. RC is &1.

Severity: 8

Problem Determination: The specified error occurred during a call to cpiCreateAndInitializeElement

User Response: Look up the AMM cpiCreateAndInitializeElement return code. If possible, take corrective action. Otherwise, consult your support center.

AM0007 Call to cpiAddAsLastChild failed. RC is
&1.

Severity: 8

Problem Determination: The specified error occurred during a call to cpiAddAsLastChild.

User Response: Look up the cpiAddAsLastChild return code. If possible, take corrective action. Otherwise, consult your support center.

AM0008 The codepage converter failed to
**initialize. The multibyte codepage
specified was &1.**

Severity: 12

Problem Determination: The most probable cause for this error is that the converter file for iconv_open() could not be opened. This would happen if either the converter does not exist on your system or it could not be found. The transformation did not complete successfully.

User Response: Check the following:

- If you are running under MVS™ batch using OS/390® V2R8 or earlier, the converter tables are expected to be in PDS CEE.SCEEUTBL. Copy the converter tables to that partitioned dataset, or use codepage IBM-1047 or LOCALCP (treated as IBM-1047 if no converter is found).

- If you are running under CICS using OS/390 V2R8 or earlier, only codepages IBM-1047 and LOCALCP (treated as IBM-1047 if no converter is found) are supported. You must use one of these codepages.
- If you are running under OS/390 V2R9 or later, or if none of the above applies, this means that no converter is available on your system for the specified codepage. You must use a different codepage.

If you have questions about this, contact your systems programmer and/or support center.

AM0009 **An attempt to convert a unicode string to a multibyte string failed. The cvtUcs2Mbs return code was &1, the unicode string was &2, and the unicode string length was &3.**

Severity: 8

Problem Determination: An attempt was made to convert a unicode string to a multibyte string. This attempt failed with the cvtUcs2Mbs return code shown. The transformation did not complete successfully.

User Response: Look up the cvtUcs2Mbs return code. If possible, take corrective action. Otherwise, consult your support center.

AM0010 **An attempt to append the data to output buffer failed. Return Code &1.**

Severity: 12

Problem Determination: An attempt was made to append data to output buffer. This attempt failed with the return code shown.

User Response: Contact your support center.

AM0011 **An attempt to retrieve an AMM element name failed. The AMM cpiElementName return code was &1 and the search address was &2. Parser Name is &3.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element name. This attempt failed with the AMM cpiElementName return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiElementName return code. If possible, take corrective action. Otherwise, consult your support center.

CE Messages

CE0010 **Did not complete: &1 &2 &3**
pppppppppppppppppppppp.

Severity: 4

Problem Determination: This message is logged by Common Error Services when it can not complete the requested functions, for the indicated error. If this message can not be logged it may appear on your terminal or the system console.

If this function failed because of a Event Logging error, the CB RC and the CB ERC from Event Logging is in the symptom string.

User Response:

- If the failing function is Error Logging look up the return code and extended return code for the called service and take the action indicated.
- If you can not resolve this problem call your support center.

CE0020 **Error &1 is recursive--no action taken on this occurrence.**

Severity: 8

Problem Determination: This message indicates that Common Error Services was called to handle an error while it was currently handling the same error. When this happens is most likely in a loop. The cause of the loop may be indicated by the cause of the original error.

User Response: Attempt to determine the cause of the original error and take the indicated actions. If you can not resolve this problem call your support center.

CE0022 **An attempt to allocate memory failed.**

Severity: 12

Problem Determination: A call to the Service Director™ environmental services to allocate memory and set an anchor failed. This error may be due to insufficient storage.

User Response:

- Look up the return and extended return code for the Service Director set anchor function and take the action indicated.
- If this error is due to insufficient storage you may need to increase the amount of virtual storage.
- If you can not resolve this problem call your support center.

CE0023 **The error control file could not be closed.**

Severity: 12

Problem Determination: The error control table (ERRTBL) was opened and read successfully, but the CLOSE for ERRTBL failed.

User Response: Call your support center.

CE0024 **The error control file could not be loaded.**

Severity: 12

Problem Determination: The error control table (ERRTBL) was successfully opened, but had a read failure.

User Response: Call your support center.

CE0042 **A call to Message Services failed.**

Severity: 4

Problem Determination: A call from Common Error Services (EDICEML) to Message Services failed. This error should be preceded in the log file by an error message from Message Services.

User Response: Lookup the Message Services error and take the actions indicated.

CE0050 **Abend &1 occurred while processing CICS transaction &2. A ROLLBACK was issued and a dump with dumpcode EDI1 was taken.**

Severity: 12

Problem Determination: An abend occurred while the abend handler was active. The abend handler issued a SYNCPOINT ROLLBACK to backout the changes in the current unit of work. It also issued a DUMP command for problem determination.

User Response: Examine the abend code given in the message. If the problem is obvious from the abend code, correct the problem and re-run the transaction. If the problem is not obvious examine the dump to determine if the problem occurred in or in a response program. If the abend occurred in a response program, correct the problem and re-run the transaction. If the abend occurred within , contact your support center and have the dump available.

CM Messages

CM0000 **Function < &1> NetOp < &2> from application < &3> directed to < pppppppp>.**

Severity: 0

Problem Determination: This message does not indicate an error occurred but is used to record the fact that a communication request has been made. The message indicates the function requested, the network the function is being requested from, the current application that is in control and the communication routine that is being called to process the request.

User Response: No response is required.

CM0001 **No profile data was passed.**

Severity: 8

Problem Determination: The Communication service was called via the application programming interface but there was no information provided to determine which network should be invoked. The application making the call will get a return code of 8, extended return code of 1, indicating the network could not be determined.

Communication service checks the following fields to determine the network ID that should be called:

- If the mailbox (requestor) ID in the interface control block is provided, the specified mailbox (requestor) profile member will be read and the network ID will be taken from that profile member.
- If the network ID in the interface control block is provided it will be used.
- If the trading partner data block has a trading partner nickname specified, the network ID from the trading partner data block will be used.

User Response: Update the program making the communications request so that either a mailbox (requestor) ID is provided, a network ID is specified or a trading partner data block with the nickname and network ID filled in is provided.

CM0002 **Profile &1 was not found.**

Severity: 8

Problem Determination: A call was made to profile services to retrieve a profile member and profile services returned indicating that the profile definition did not exist. The application is given a return code of 8, extended return code of 2, indicating a profile definition does not exist.

User Response: This error indicates the PROFDEF table was not loaded at install time.

CM0003 **&1 &2 was not found in &3 profile.**

Severity: 8

Problem Determination: A call was made to profile services to retrieve a profile member and profile services returned indicating that the profile member did not exist. The application is given a return code of 8, extended return code of 3, indicating a profile member does not exist.

User Response: Update the program (or input to the program) making the request so that a profile member that is defined is specified or use Profile Maintenance to add the required member to the specified profile.

CM0004 **An error was found in Profile Services.**

Severity: 12

Problem Determination: An unexpected return code was returned by the profile service when a request was made to read a profile member. The symptom string contains the return code from the profile service as well and the profile name and profile member being accessed.

User Response: Follow the instructions under the appropriate return code from profile services.

CM0005 **Communication Routine &1 is &2.**

Severity: 12

Problem Determination: An error was returned from the Service Director and communications was not able to pass control to the communications routine for the network. The application is given a return code of 12, extended return code of 5, indicating the request could not be completed because control could not be passed to the communication routine defined for the network.

User Response: If this is a user written communication routine then the routine must be defined in the User Exit profile. Make sure an entry exists for the routine that is having the problem. Contact the support center if a user written routine is not involved.

CM0006 **Mailbox (Requestor) profile &1 contains network id &2, but this network id is invalid for the environment is being executed in.**

Severity: 8

Problem Determination: A network access request (such as sending or receiving data) was issued, but the network id contained in the mailbox (requestor) profile given is not supported for the environment is being executed in. For example, the mailbox (requestor) profile contains the network id IINB42, but is executing

CM Messages

in the CICS environment. In this case a mailbox (requestor) profile with the network id IINCICS would have to be used.

User Response: The problem can be fixed two ways. The first is to change the mailbox (requestor) profile to contain an appropriate network id. The second is to create a new requestor profile which will contain the appropriate network id and use the new mailbox (requestor) profile for the network access request.

CM0007 **Network id &1 was requested, but this network id is invalid for the environment is being executed in.**

Severity: 8

Problem Determination: A network access request (such as update status) was issued, but the network id specified is not supported for the environment is being executed in. For example this would be true if the network id is IINB42, but is executing in the CICS environment. In this case a network id such as IINCICS would have to be used.

User Response: Specify a network id which exists in the environment is being executed in.

CR Messages

CR0000 **Continuous Receive request successfully processed.**

Severity: 0

Problem Determination: A continuous receive has occurred and it has been processed successfully.

User Response: Examine the messages logged previous to the CR0000 message for more details on how the incoming data was processed.

CR0001 **Continuous Receive for profile member &1 started successfully.**

Severity: 0

Problem Determination: A request to start a continuous receive on behalf of a profile member has completed successfully.

CR0002 **Continuous Receive for profile member &1 ended successfully.**

Severity: 0

Problem Determination: A request to end a continuous receive on behalf of a profile member has completed successfully.

CR0010 **Error occurred while attempting to retrieve a continuous receive profile. Profile services return code = &1. Profile services extended return code = &2.**

Severity: 8

Problem Determination: An unexpected error was given by profile services while attempting to read a continuous receive profile.

User Response: Examine the return codes recorded in the message against the return codes in this manual in the section Profile Services return codes for more details.

CR0020 **Error during execution of CICS ENQ command.**

Severity: 8

Problem Determination: The continuous receive facility issued an ENQ but for some reason it did not complete successfully.

User Response: If the problem persists, contact your support center.

CR0030 **Error during execution of CICS DEQ command.**

Severity: 8

Problem Determination: The continuous receive facility issued an DEQ but for some reason it did not complete successfully.

User Response: If the problem persists, contact your support center.

CR0040 **Error occurred during the invocation of communications support. Communications support return code = &1. Communications support extended return code = &2.**

Severity: 8

Problem Determination: An error was encountered by communications support during the starting or stopping of a continuous receive request.

User Response: Examine the return codes recorded in the message against the return codes in this manual in the section Communications Support return codes for more details.

CR0050 **Continuous receive profile member &1 has already been stopped, but another request to do so has been issued.**

Severity: 4

Problem Determination: A request to stop a continuous receive on behalf of a continuous receive profile member has been issued, but the member has already been stopped.

User Response: Do not issue transaction EDIS against continuous receive profile members which are not running.

CR0060 **Continuous receive profile member &1 has already been started, but another request to do so has been issued.**

Severity: 4

Problem Determination: A request to start a continuous receive on behalf of a continuous receive profile member has been issued, but the member has already been started.

User Response: Do not issue transaction EDIR against continuous receive profile members which are already running.

CR Messages

CR0070 **Continuous receive profile member &1 is not in the active state, therefore it cannot be started or stopped.**

Severity: 4

Problem Determination: A request to start a continuous receive on behalf of a continuous receive profile member has been issued, but the member's active flag is set inactive.

User Response: Do not issue transactions EDIR or EDIS against continuous receive profile members which have the active flag set inactive. Update the profile member to set the active flag on if desired.

CR0080 **Unable to open file EXPDSRC. VSAM File Handler return code = &1. VSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: An open on file EXPDSRC failed.

User Response: Examine the return codes in the message against return codes in this manual in the VSAM File handler section for more details.

CR0090 **Error occurred while reading the file EXPDSRC. VSAM File Handler code = &1. VSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while reading from file EXPDSRC.

User Response: Examine the return codes in the message against return codes in this manual in the VSAM File handler section for more details.

CR0099 **Continuous Receive request unsuccessful, message &1 was logged.**

Severity: 8

Problem Determination: A continuous receive has occurred but errors were encountered.

User Response: Examine the messages logged previous to the CR0099 for more details on how the incoming data was processed. The print file should also contain messages on the errors encountered.

CR0100 **Error occurred while updating the file EXPDSRC. VSAM File Handler code = &1. VSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while updating from file EXPDSRC.

User Response: Examine the return codes in the message against return codes in this manual in the VSAM File handler section for more details.

CR0110 **An attempt was made to start continuous receive profile member &1, but Expedite/CICS indicates a continuous receive is already active based on the same selection criteria.**

Severity: 4

Problem Determination: A request to start a continuous receive on behalf of a continuous receive profile member has been issued, but Expedite/CICS indicates a continuous receive is already running with the same selection criteria.

User Response: Check this continuous receive profile member against other members to find out which other member has the same selection criteria. Selection criteria are the mailbox (requestor) id in combination with message user class and trading partner nickname.

CR0120 **control record &1 missing for received data, interchange kept in the EXPDRDAT file.**

Severity: 8

Problem Determination: A continuous receive occurred, but the control record for this continuous receive has been deleted. does not know what to do with the data, so Expedite/CICS will keep it in the EXPDRDAT file.

User Response: Determine which continuous receive is missing its control record. This continuous receive must either be successfully stopped or successfully restarted, as soon as possible. Use EDIS to stop the continuous receive or use EDIR to restart it. Until this is done, additional CR0120 errors may occur. The interchanges kept in the EXPDRDAT file as a result of this error, may be recovered using your normal recovery procedures.

CR0121 **A continuous receive occurred, however an error was encountered trying to read the &1 continuous receive profile member.**

Severity: 8

Problem Determination: A continuous receive occurred, however an error was encountered trying to read the continuous receive profile. This error occurs only when Expedite/CICS is not being used as the network driver program and the continuous receive profile must be directly accessed by the continuous receive program.

User Response: The first eight characters of the incoming area (commarea) to the continuous receive program should contain the name of an active

continuous receive profile member. An error was encountered trying to read the profile with the name supplied in the commarea. Make sure the name supplied corresponds to an active continuous receive profile member. This profile member name cannot be longer than eight characters.

CR0122 **A continuous receive occurred and the &1 continuous receive profile member was found, however it was marked not active.**

Severity: 8

Problem Determination: A continuous receive has occurred, however the continuous receive profile member specified is not active. This condition occurs only when Expedite/CICS is not being used as the network driver program and the continuous receive profile must be directly accessed by the continuous receive program.

User Response: The first eight characters of the incoming area (commarea) to the continuous receive program should contain the name of an active continuous receive profile member. The member exists in the continuous receive profile, however it is marked as not being active. Change the active flag to 'Y'.

CR0130 **The control file record associated with continuous receive profile member &1, was deleted from the VSAM control file.**

Severity: 0

Problem Determination: CICS transaction EDIZ was entered and the \$IDI\$CR\$ control record associated with the continuous receive member, was deleted from the VSAM control file. This is a normal message indicating the successful deletion of the record.

User Response: If a continuous receive is shut down via LGO1, orphaned control records are left in the control file. Typically LGO1 should NOT be used to stop a continuous receive (instead, EDIS should be used). EDIZ is an exception-based only type of processing and is used to delete these orphaned control records.

CR0140 **An attempt was made to stop continuous receive profile member &1, but Expedite/CICS indicates that a continuous receive is not active for that member.**

Severity: 4

Problem Determination: A request to stop a continuous receive on behalf of a continuous receive profile member has been issued, but Expedite/CICS indicates that a continuous receive is not running for that member.

User Response: This continuous receive is not running. Therefore, it is not necessary to issue a stop request. If there is an orphaned control record associated with this continuous receive profile member in the control file, the orphaned record can be deleted using EDIZ.

CR0150 **A profile services error was detected trying to read the mailbox (requestor) profile associated with continuous receive profile member &1.**

Severity: 8

Problem Determination: An attempt was made to read the mailbox (requestor) profile associated with the continuous receive profile member. An error occurred during the read of the requestor profile. The requested processing of this continuous receive member was not performed.

User Response: Verify that the correct mailbox (requestor) profile name is specified in the continuous receive profile member and that the mailbox (requestor) exists in the mailbox (requestor) profile.

CR0160 **An error was encountered while trying to allocate a Mailbox (Requestor) ID virtual array.**

Severity: 8

Problem Determination: This error can only happen when there is insufficient storage for 's dynamic storage allocation or when there is a virtual array allocation problem.

User Response: Make sure there is enough storage. If problem persists, contact your support center.

CR0170 **The communications request to stop continuous receive &1 was successful. However, as indicated by the previous message, an error was detected deleting the corresponding command file record.**

Severity: 4

Problem Determination: The communications request to stop the continuous receive was successful. However, an error was detected deleting the corresponding command file record.

User Response: Typically, this occurs because the command file record does not exist (for some reason). Now that the continuous receive has successfully been stopped, there should be no additional action to take.

CR Messages

CR0180 **There is no mailbox (requestor) ID associated with continuous receive profile member &1 and therefore this continuous receive cannot be started or stopped.**

Severity: 4

Problem Determination: A request to start or stop a continuous receive on behalf of a continuous receive profile member has been issued, however there is no mailbox (requestor) ID specified in the continuous receive profile member. A mailbox (requestor) ID is required to start and stop a continuous receive using transactions EDIR and EDIS.

User Response: Make sure that the continuous receive has a valid mailbox (requestor) ID and is associated with the IINCICS network. Otherwise, do not attempt to start or stop the continuous receive using transactions EDIR and EDIS. EDIR and EDIS are for Expedite/CICS continuous receives only.

CR0185 **A start for continuous receive profile member &1 was requested. However, a problem concerning the continuous receive unique ID was encountered. The \$IDI\$CR\$ record for that continuous receive has been deleted and a stop continuous receive has been issued to Expedite/CICS. Check the Expedite/CICS log (TD queue, EXPL) for possible CR0120 messages. Use EDIR again to start the continuous receive.**

Severity: 4

Problem Determination: See message text.

User Response: This problem should not normally happen and may be indicative of problems elsewhere. The processing that occurred when this error was detected has resynchronized things. However, another EDIR is necessary to start the continuous receive. Check the Expedite/CICS log (TD queue, EXPL) for possible CR0120 messages. If found, the interchanges involved will have to be recovered from the Expedite/CICS error file using your normal recovery procedures.

CR0190 **The network ID for continuous receive profile member &1 is not IINCICS and therefore this continuous receive cannot be started or stopped.**

Severity: 4

Problem Determination: A request to start or stop a continuous receive on behalf of a continuous receive profile member has been issued, however the network ID associated with the continuous receive profile member is not IINCICS. Only continuous receive members with IINCICS network ID's can be started

and stopped with EDIR and EDIS.

User Response: Make sure that the continuous receive has a valid mailbox (requestor) ID and is associated with the IINCICS network. Otherwise, do not attempt to start or stop the continuous receive using transactions EDIR and EDIS. EDIR and EDIS are for Expedite/CICS continuous receives only.

CR0195 **A start for continuous receive profile member &1 was requested. However, more than one \$IDI\$CR\$ record was found in the EXPDSRC file for that continuous receive. All of the \$IDI\$CR\$ records for that continuous receive have been deleted and a stop continuous receive has been issued to Expedite/CICS. Check the Expedite/CICS log (TD queue, EXPL) for possible CR0120 messages. Use EDIR again to start the continuous receive.**

Severity: 4

Problem Determination: See message text.

User Response: This problem should not normally happen and may be indicative of problems elsewhere. The processing that occurred when this error was detected has resynchronized things. However, another EDIR is necessary to start the continuous receive. Check the Expedite/CICS log (TD queue, EXPL) for possible CR0120 messages. If found, the interchanges involved will have to be recovered from the Expedite/CICS error file using your normal recovery procedures.

CR0200 **A profile services error was detected trying to read the trading partner profile associated with continuous receive profile member &1.**

Severity: 8

Problem Determination: An attempt was made to read the trading partner profile associated with the continuous receive profile member. An error occurred during the read of the trading partner profile. The requested processing of this continuous receive member was not performed.

User Response: Verify that the correct trading partner profile name is specified in the continuous receive profile member and that the trading partner exists in the trading partner profile. The trading partner name is not required in the continuous receive profile. However, if one is specified, a valid retrieve from the trading partner profile is required to process the continuous receive.

CR0300 EDIQ transaction failed, cannot RETRIEVE data from CKTI transaction.

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but EDIQ encountered an error when issuing the CICS RETRIEVE command.

User Response: Run an AUXTRACE against transaction EDIQ to determine the EIB response and take appropriate action.

CR0310 EDIQ transaction failed, information passed from CKTI transaction not correct length.

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but the started data was not long enough to include the TRIGGERDATA field.

User Response: Contact the IBM support center if this problem occurs.

CR0320 EDIQ transaction failed, problem with MQPROF specification in MQSeries TRIGDATA field.

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but the MQPROF parameter specification in the MQSeries TRIGDATA field is incorrect.

User Response: In order for to correctly process the incoming data there must be an MQSeries profile member defined within . This profile member must have in it the real name of the MQSeries queue which has caused the trigger event to occur. Once this profile member is defined it must be specified within the TRIGDATA field associated with the MQSeries Queue which has caused the trigger event to occur. Its specification is in the form:

MQPROF=mqpname

where mqpname is the MQSeries profile member name. This error can occur if:

- MQPROF= was not specified
- MQPROF= was spelled incorrectly
- No mqpname value was specified as part of MQPROF=mqpname

CR0330 EDIQ transaction failed, problem with CRPROF specification in MQSeries TRIGDATA field.

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but the CRPROF parameter specification in the MQSeries TRIGDATA field is incorrect.

User Response: In order for to correctly process the incoming data there must be an Continuous Receive profile member defined within . This profile member contains information on how should process the incoming data. Once this profile member is defined it must be specified within the TRIGDATA field associated with the MQSeries Queue which has caused the trigger event to occur. Its specification is in the form:

CRPROF=crpname

where crpname is the Continuous Receive profile member name. This error can occur if:

- CRPROF= was not specified
- CRPROF= was spelled incorrectly
- No crpname value was specified as part of CRPROF=mqpname

CR0340 EDIQ transaction failed, cannot LINK to program EDICRIN.

Severity: 8

Problem Determination: As part of EDIQ processing, program EDICRMQ issues an EXEC CICS LINK command for program EDICRIN. This LINK command is failing and processing cannot complete due to this error.

User Response: Run an AUXTRACE against transaction EDIQ to determine the EIB response and take appropriate action.

CR0350 EDIQ transaction failed, error retrieving continuous receive profile member, SQLCODE= &1.

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but the DB2 fetch of the Continuous Receive profile member failed. The Continuous Receive profile member is specified in the MQSeries TRIGGERDATA field via CRPROF= parameter.

User Response: Included in the message is the SQL return code from DB2. Refer to DB2 documentation to determine what the caused the error. A common problem would be an SQL return code of 100 indicating the Continuous Receive profile member specified in the

CR Messages

TRIGGERDATA via the CRPROF= parameter does not exist. In this case check the name specified in the TRIGGERDATA and the name specified in the Continuous Receive profile.

CR0360 **EDIQ transaction failed, error retrieving continuous receive profile member, EIBRESP= &1.**

Severity: 8

Problem Determination: MQSeries transaction CKTI started transaction EDIQ to process incoming data but the VSAM read of the Continuous Receive profile member failed. The Continuous Receive profile member is specified in the MQSeries TRIGGERDATA field via CRPROF= parameter.

User Response: Included in the message is the CICS EIB response code. Refer to CICS documentation to determine what caused the error. A common problem would be an EIB response code of 13 indicating the Continuous Receive profile member specified in the TRIGGERDATA via the CRPROF= parameter does not exist. In this case check the name specified in the TRIGGERDATA and the name specified in the Continuous Receive profile.

EI Messages

EI0000 **Your request was completed successfully**

Explanation: Choose another action or exit this task.

Severity: 0

EI0001 **The scrollable list does not include all entries**

Explanation: The data base contains more entries than can fit into the scrollable list. To see the others, use the List action to reset the start of the scrollable list.

Severity: 4

EI0002 **Enter Y or N**

Explanation: Enter Y to include the associated item. Enter N omit the associated item.

Severity: 8

EI0003 **Include the &1 ID in the command**

Explanation: Enter the command again and include an ID.

Severity: 8

EI0004 **The &1 ID is too long**

Explanation: The ID entered in the command is too long. Enter the command again using the correct ID.

Severity: 8

EI0005 **&1 is not defined**

Explanation: The ID entered in the command is not defined in the data base. Enter the command again using the correct ID.

Severity: 8

EI0006 **There are no records in this category to import**

Explanation: Verify that the import files are allocated properly. You can also choose another category.

Severity: 8

EI0007 **No entries were found that match the list criteria**

Explanation: The ID specified on the List command was greater than the the highest key in the system. Enter the List command with a different ID.

Severity: 4

EI0008 **Cannot display panel &1**

Explanation: Write down the panel ID and notify support personnel.

Severity: 12

EI0009 **A service needed to complete the task failed**

Explanation: See the error log for more details or notify support personnel. You may try another task.

Severity: 12

EI0010 **Unable to open the print file**

Explanation: Verify that the print file is allocated properly. If not, notify support personnel.

Severity: 12

EI0011 **Data base error occurred--see error log message EI0012**

Explanation: Write down the message number displayed at the end of this message. Use it to find the explanation of the error in the error log. Notify the system administrator that the data base may contain an error.

Severity: 12

EI0012 **Data Base error--Function = &1, DB2 Table = &2, Key = &3, DB2 return code = pppppp, qqqqqq.**

Severity: 12

Problem Determination: A call to access the data base from the Data Formats facility resulted in an error. The cause of the error is indicated by the return code.

User Response:

- If you are using DB2, you may look up the return code in the DB2 manual or use the Event Logging services in to receive an explanation of the problem.
 - If you cannot resolve this problem, call your support center.
-

EI0013 **Memory allocation error--Return Code = &1.**

Explanation: The Service Director encountered an error while attempting to allocate memory.

Severity: 12

Problem Determination: A call to the Service Director to allocate memory for the Application Data Formats facility resulted in an error. The cause of the error is

EI Messages

indicated by the return code.

User Response:

- Check to see if there was sufficient memory to satisfy the request. You may need to increase the amount of virtual storage.
- If you cannot resolve this problem, call your support center.

EI0014 An error occurred while creating the report--see the activity report

Explanation: An error occurred while trying to get the report information from either the data base or the Message Service. Please see your activity report and the error log for the detailed explanation. Your report may be incomplete because of this error.

Severity: 8

EI0015 A document definition does not exist for this data format

Explanation: There is no document definition associated with this data format. Enter the data format again.

Severity: 8

EI0016 There are no trading partner usages

Explanation: There are no usages associated with the transaction mapping or control string you are exporting. To add the usages use the Where used command for the transaction mapping.

Severity: 8

EI0017 Unable to open the export/import file &1--Return code= &2, &3

Explanation: The attributes of the export/import files may need to be changed. Ensure the user has the proper authority.

Severity: 12

Problem Determination: An error occurred while attempting to open the export/import file or files.

User Response: Ensure the file has the proper permissions.

EI0018 Unable to write to the file &1--return codes &2, &3

Explanation: The attributes of the export/import files may need to be changed. Your activity report may be incomplete because of this error. The second value is the EIBRESP field in the EIB.

Severity: 8

EI0019 The data base does not contain any data in this category

Explanation: Use the customization options to add data to your data base. You can also choose another category.

Severity: 8

EI0020 You cannot leave this field blank

Explanation: You skipped a required field. Move the cursor to it and enter the required information. If you need an explanation of the field, press Help when the cursor is in the field.

Severity: 8

EI0021 Choose a command listed in the action bar

Explanation: The action bar lists the acceptable commands. The command mnemonics are shown as capital letters. You may enter them in lowercase.

Severity: 8

EI0022 Data already exported--you cannot change the associated objects

Explanation: Data has already been exported with the associated objects you chose previously. To export with different objects, return to the previous screen.

Severity: 8

EI0023 There are no standard transaction sets for this standard

Explanation: The data base contains no transaction sets for this standard. You cannot export this incomplete standard.

Severity: 8

EI0024 The version, release, and modification level does not match the export file

Explanation: The product level in the export file does not match the product level in the system.

Severity: 8

EI0025 A Profile Services error occurred--see error log for message

Explanation: A service or resource needed to complete the task is not available. See the error log for more information. Notify support personnel of the error. You may try another task.

Severity: 12

EI0026 A Service Director error occurred

Explanation: A Service Director error occurred during Export/Import processing. Notify support personnel.

Severity: 12

EI0027 No members exist for the specified profile.

Explanation: The profile you chose to export has no members. Nothing can be exported for this profile.

Severity: 4

EI0028 Reference number is missing or not defined

Explanation: Enter the command again and include a valid reference number.

Severity: 8

EI0029 Unable to read the import file &1--return codes &2, &3

Explanation: The attributes of the import file may need to be changed. Your activity report may be incomplete because of this error. The second value is the EIBRESP field in the EIB.

Severity: 12

EI0030 Error occurred while opening the file &1--Return codes= &2, &3.

Severity: 12

Problem Determination: Unable to open the batch control file. The file is required by the Export/Import Batch Utilities. It should contain the information about the data which is to be exported or imported. Please see the manuals for the detailed control record format.

User Response: Ensure that the batch control file has the proper attributes.

EI0031 Error occurred while reading the file &1--Return codes= &2, &3.

Severity: 12

Problem Determination: The problem could be either the batch control file is corrupted or its records are not in the correct format. Please see the DataInterchange manuals for the detailed control record format.

User Response: Verify that your batch control file is a good and readable file and is in the correct format.

EI0033 Internal program error. Can not find &1 at position &2 from file &3.

Explanation: The Import function failed to find the record at the specified position. Verify that the export/import file is allocated properly and no one is editing the file.

Severity: 12

EI0037 Unable to open the control file &1--Return code= &2, &3

Explanation: The attributes of the control file might need to be changed.

Severity: 12

Problem Determination: An error occurred while attempting to open the control file.

User Response: Ensure the file has the proper attributes.

EI0038 Unable to write to the control file &1--return codes &2, &3

Explanation: The attributes of the control file may need to be changed. Your activity report may be incomplete because of this error.

Severity: 8

EI0039 A program error (invalid function number) occurred

Explanation: An invalid function number was passed to the EIOPEN routine. Notify support personnel.

Severity: 4

EI0040 An unexpected error occurred while importing.

Explanation: Your import request failed partially or completely. Notify support personnel.

Severity: 8

EI0041 There are no records in utility control file.

Severity: 8

EI0042 Category character 'x' is not defined.

Explanation: Category character for export is 1 to 7 and for import is 1 to 7 or 9.

Severity: 4

EI Messages

EI0043 **Key ID is blank.**

Severity: 8

EI0044 **No record in import file matches the key ID &1 in category y.**

Severity: 8

EI0045 **You are not authorized to perform this function**

Explanation: You have not been authorized through the system authorization facility (SAF) to perform this function.

Severity: 8

User Response:

Obtain proper authorizations from the support personnel and try again.

EI0046 ******* Exporting &1 &2 *****.**

Severity: 0

Problem Determination: This is an informational message identifying the object/associated object being exported.

EI0047 ******* Importing &1 &2 *****.**

Severity: 0

Problem Determination: This is an informational message identifying the object being imported.

EI0048 **&1 &2 does not exist in the data base.**

Severity: 4

Problem Determination: An associated object was not exported because it did not exist.

User Response: Add the associated object using the appropriate facility and then retry the export. Or this message can be ignored if the associated object is not required.

EI0049 **&1 &2 has been replaced in the data base.**

Severity: 4

Problem Determination: An object or associated object already existed but replace was specified and the object or associated object was replaced.

User Response: Verify that the replaced object or associated object has not been altered to make it unusable.

EI0050 **Member &1 has been replaced in profile &2.**

Severity: 4

Problem Determination: A profile member already existed but replace was specified and the profile member was replaced.

User Response: Verify that the replaced profile member has not been altered to make it unusable.

EI0051 **Some associated objects were not processed--see report for details**

Explanation: Some of the associated objects were not processed. This could be caused by insufficient authority or the associated object does not exist. Refer to the report for detail messages.

Severity: 4

Problem Determination: Refer to the report to determine which associated objects were not processed and the reason. If the reason was insufficient authority, have your support personnel grant you the authority. If the associated object does not exist, it can be added using the appropriate facility.

EI0052 **Member &1 does not exist in profile &2.**

Severity: 4

Problem Determination: The profile member was not exported because it did not exist.

User Response: Add the profile member using profile maintenance and then retry the export. Or this message can be ignored if the profile member is not required.

EI0053 **TPPROF member &1 was not imported--duplicate account number and user ID in existing member &2.**

Explanation: The combination of account number and user ID must be unique for each member of the trading partner profile. The profile you are attempting to import would duplicate the account number and user ID of an existing member. The profile is not imported.

Severity: 8

Problem Determination: The combination of account number and user ID must be unique for each member of the trading partner profile. The profile you are attempting to import would duplicate the account number and user ID of an existing member. The profile is not imported.

User Response: Either delete the existing TPPROF member with the same account number and user ID and retry the import, or if the one being imported is not required, ignore the message.

EI0054 **TPPROF member &1 was not imported--duplicate interchange qualifier and ID in existing member &2.**

Explanation: The combination of interchange qualifier and ID must be unique for each member of the trading partner profile. The profile you are attempting to import would duplicate the interchange qualifier and ID of an existing member. The profile is not imported.

Severity: 8

Problem Determination: The combination of interchange qualifier and ID must be unique for each member of the trading partner profile. The profile you are attempting to import would duplicate the interchange qualifier and ID of an existing member. The profile is not imported.

User Response: Either delete the existing TPPROF member with the same interchange qualifier and ID and retry the import, or if the profile being imported is not required, ignore the message.

EI0055 **You must select either mapping or usages (or both) for Mapping (Trading Partner Transaction) export.**

Severity: 8

EI0056 **You must specify a member name for selected member export/import.**

Severity: 8

EI0057 **Mapping must be selected when control string is selected.**

Explanation: When the control string associated object is selected for export, the mapping object must also be selected. If you want to export the control string without the mapping, use the Control string export option on panel EI00.

Severity: 8

EI0058 **Mapping (Trading partner transaction) &1 is not defined**

Explanation: The mapping to which you are importing the usages does not exist in the data base. Add or import the map before importing the usages.

Severity: 8

EI0059 **You cannot import send usages to receive transactions and vice versa**

Explanation: The send usages are not compatible with a receive transaction and the receive usages are not compatible with a send transaction. You must import send to send only and receive to receive only.

Severity: 8

EI0060 **Enter letters and numbers only**

Explanation: Enter this field using only the characters A-Z, a-z, and 0-9.

Severity: 8

EI0061 **The entry contains one or more embedded blanks**

Explanation: Type the entry again removing the embedded blanks. Then press Enter.

Severity: 8

EI0062 **There are no records in category x (&2) to import.**

Explanation: Verify that the import files are allocated properly. You can also choose another category.

Severity: 4

EI0063 **&1 &2 already exists and was not processed--replace option specified no replace.**

Severity: 0

Problem Determination: This is an informational message identifying the object that could not be replaced due to the replace option.

EI0064 ******* Exporting TP usages from &1 *****.**

Severity: 0

Problem Determination: This is an informational message identifying the TPT ID from which the usages are exported.

EI0065 ******* Importing TP Usages to &1 *****.**

Severity: 0

Problem Determination: This is an informational message identifying the TPT ID to which the usages are being imported.

EI0066 **Import of the requested transaction was successful**

Explanation: Choose another action or exit this task.

Severity: 0

EI Messages

EI0067 **Import of the requested transaction was not successful. The standard selected must contain all transactions sets.**

Explanation: The standard selected for import by transaction must be a complete standard containing all transactions. You cannot import selected transaction sets for this standard.

Severity: 12

EI0068 **Enter a selection character in one of the selection fields**

Explanation: You have entered a "/" in more than one selection or you have left all selections blank. Enter your selection by typing "/" next to the export/import option that you want.

Severity: 8

EI0069 **Invalid Export/Import control file length. File is &1. This file length cannot be greater than 84 bytes.**

Severity: 8

Problem Determination: The Export/Import batch control file length is invalid. It cannot be longer than 84 bytes. See the Export/Import Control File section in the Programmer's Reference for more information.

User Response: Make sure the Export/Import control file length is no more than 84 bytes and resubmit the job.

EI0070 **Select a standard transaction to import or select import all transactions.**

Explanation: The import all standard transactions flag is set to N which indicates that you want to select standard transaction to import. Either select the transactions by entering an (I) for import or change the import all standard transactions flag to Y.

Severity: 4

EI0071 **Client mapping &1 cannot be exported**

Explanation: The Mapping (Trading Partner Transaction) you have selected is a Client only transaction or has been converted to Client and cannot be exported from the host.

Severity: 8

EI0072 **A Control String cannot be exported in Fixed Format.**

Explanation: A Control String cannot be exported in Fixed Format. Export the Control String into a Tagged Format Export/Import Output File.

Severity: 8

Problem Determination: A Control String cannot be exported in Fixed Format. Export the Control String into a Tagged Format Export/Import Output File.

User Response: Create a Tagged Format Export/Import Output File and retry the Control String export.

EI0073 **A Host Map cannot be imported over a DI Client Control String.**

Explanation: A Host Map cannot replace a DI Client Control String when the Host TPTX indicates it is a DI Client only Map. This prevents a Host TPT from being imported over a functionally different mapping which is maintained on the PC.

Severity: 8

Problem Determination: A Host TPT is attempting to be imported into the Host database and replace a TPT of the same name. The TPT on the Host is not a complete mapping - it is a placeholder for a DI Client Map, which is maintained on the PC. The Control String of the DI Client Map resides on the Host and would be overlaid if the import was allowed.

User Response: Either the Host TPT ID or the Import file Map has been created with an invalid name. A Host TPT being imported cannot have the same name as a DI Client Map. If the DI Client Control String is no longer needed, it may be deleted from the Host and the import can be retried. If the Host TPT is valid, rename the DI Client Map, Compile the Client Control String, export it and import the newly named Control String into DI Host. Review your procedures so that future Client Maps are not assigned the same Mapname as a Host TPTID.

EI0074 **A DI Client Control String cannot be imported over a Host Control String.**

Explanation: A DI Client Control String in the export/import File is being requested to overlay a Host Control String compiled from a Host MAP of the same name. A DI Client Control String compiled from a Client Map cannot replace a Host Control String compiled from a Host MAP of the same name.

Severity: 8

Problem Determination: A DI Client Control String in the export/import File is being requested to overlay a Host Control String. A DI Client Control String cannot replace a Host Control String of the same name. The DI Client object indicates that was Compiled from a PC only Map. There should be no Host TPT of the same name.

User Response: Either the Host Control String or the DI Client Control String has been created with an invalid name. A DI Client Map, from which the Control String was compiled, cannot have the same name as a DI Host MAP. If the Host MAP is no longer needed, it

may be deleted from the Host and the import can be retried. If the Host MAP is valid, rename the DI Client Map, Compile the DI Client Control String, export it and import the newly named Control String into DI Host. Review your procedures so that future Client Maps are not assigned the same Mapname as a Host TPTID. A DI Client Map is identified with the value P in the TYPE column of the EI06, EI10 or TP01 panels.

EI0075 A DI Client Control String cannot be imported; TYPE has a mismatch.

Explanation: A DI Client Control String in the export/import File is being requested to overlay another DI Client Control String. The TYPE field indicates that a mismatch exists. Either the import data has a TYPE value of P - indicating that a control string from a Client only mapping is being requested to overlay a converted mapping (TYPE C), or the import data has a TYPE value of C indicating that a control string from a converted mapping is being requested to overlay a Client only (TYPE P) mapping control string. Neither case is allowed.

Severity: 8

Problem Determination: A DI Client Control String in the export/import File is being requested to overlay another DI Client Control String. The TYPE field indicates that a mismatch exists. Either the import data has a TYPE value of P - indicating that a control string from a Client only mapping is being requested to overlay a converted mapping (TYPE C), or the import data has a TYPE value of C indicating that a control string from a converted mapping is being requested to overlay a Client only (TYPE P) mapping control string. Neither case is allowed.

User Response: Either the DI Client Only Control String or the DI Client Converted Control String has been created with an invalid name. A DI Client Map, from which the Control String was compiled, cannot have the same name as a DI Host MAP (converted MAP). If the control string only the Host is no longer needed, it may be deleted from the Host and the import can be retried. If the Host MAP is valid, rename the DI Client Map, Compile the DI Client Control String, export it and import the newly named Control String into DI Host. Review your procedures so that future Client Maps are not assigned the same Mapname as a Host TPTID. A DI Client Map is identified with the value P in the TYPE column of the EI06, EI10 or TP01 panels. A converted map has the value C.

EI0076 Only Tagged format import is allowed between unlike versions.

Explanation: Tagged format import files are the only supported means of transferring DI objects between unlike release, version, mod level systems. An import

file of Fixed format or Native format has been detected. Import will not proceed.

Severity: 8

Problem Determination: Tagged format import files are the only supported means of transferring DI objects between unlike release, version, mod level systems. An import file of Fixed format or Native format has been detected. Import will not proceed.

User Response: Return to the source DI system and re-export the data using a tagged format export/import file format. Return to the target system and import the data again.

EV Messages

EV0001 **The Enveloper/De-enveloper plugin &1 could not be loaded.**

Severity: 12

Problem Determination: This error occurred because the dllload() function failed to load the specified module. This would occur if the wrong load module name was specified or if the load module was not located in any of the datasets in the STEPLIB concatenation.

User Response: Ensure the name of the Plugin in the EDIENVP table matches the actual load module name. Check the STEPLIB concatenation to ensure the load module named in the EDIENVP table can be found.

EV0002 **The symbol &1 could not be loaded from plugin &2.**

Severity: 12

Problem Determination: This error occurred because the dllqueryfn() function failed to load a function from one of the plugin modules. For every plugin two functions must be exported. These functions are envelopeMessage() and deenvelopeMessage().

User Response: Verify that the plugin load module was properly built. If you cannot resolve the problem, contact your support center.

EV0003 **An attempt to Envelope or De-envelope a message failed. The syntax was &1.**

Severity: 8

Problem Determination: This error occurred because no plugin could handle this message. All possible plugins were tried but no plugin successfully handled the message.

User Response: Check the perform statement used for any errors. Check the log file for additional error messages.

EV0004 **The &1 function could not find the &2 element in the message passed to the Enveloper or De-enveloper.**

Severity: 8

Problem Determination: The element named in the error text was expected but could not be found in the AMM object. This caused a fatal error during the translation.

User Response: This is an internal error. Please contact the support center.

EV0005 **An error occurred in &1 while performing a UCS2 - Local Code Page conversion. Return code was &2.**

Severity: 8

Problem Determination: During a conversion of a local code page string to a UCS2 string an error occurred.

User Response: Look up the conversion function return code. If possible, take corrective action. Otherwise, consult your support center.

EV0006 **No plugin accepted the message during de-enveloping. Condition detected in method &1.**

Severity: 4

Problem Determination: No plugin could be found to de-envelope the message. No de-envelope action was taken and the message was propagated to the next node.

User Response: This log entry can mean one of two things: 1) There is no envelope plugin for this message 2) the correct plugin could not be loaded. The default action is to propagate the message to the next node in the message flow without any modification.

EV0007 **An invalid value was passed to the &1 function. The value was &2.**

Severity: 8

Problem Determination: A value was passed to an internal function which caused an error. Check preceding error messages for more information.

User Response: This may be caused by an internal error, or may be caused by invalid data. A preceding error message should provide more detail regarding the cause of the problem and how it can be resolved.

EV0008 **A database open request failed. SYSTEM = &1, PLAN = &2.**

Severity: 12

Problem Determination: An attempt to open a connection to the database failed.

User Response: Check to ensure the SYSTEM and PLAN are correctly specified. Contact your Database Administrator and/or the support center.

EV0009 **Unable to find a Tradingpartner Nickname. ID = &1 QUAL = &2.**

Severity: 8

Problem Determination: This error occurred when the

sender or receiver id and qualifier were used to locate the trading partner nickname. A matching Trading Partner Profile entry was not found. The trading partner nickname was set to blanks and the message was propagated to the next node in the message flow.

User Response: Make sure there is a Trading Partner Profile entry for the ID and qualifier referred to in the error message.

EV0010 **Internal error occurred. FUNCTION = &1
RC = &2.**

Severity: 8

Problem Determination: This error indicates that an unexpected error was encountered during the envelope or de-envelope process. The error message indicates the function that failed and the return code that was set.

User Response: This is an internal error. Please contact the support center.

EV0011 **Database transaction failed. SQLCODE
= &1.**

Severity: 4

Problem Determination: This error indicates that an unexpected SQLCODE was returned from a database transaction. One common example would be an SQLCODE of 818 which would mean that the application has not been bound to the database.

User Response: Contact your Database Administrator and/or the support center.

EV0012 **Bad path specified for &1.
cniSearchFirstChild had a return code of
&2. The path was &3. Element ppp...p
was missing from the input message.**

Severity: 4

Problem Determination: While searching for a sender or receiver ID or qualifier, an element in the path could not be found. The cniSearchFirstChild call returned the specified error. The message will be propagated to the next node without the sending and/or receiving trading partner information.

User Response: Verify that the sender and receiver ID and qualifier paths are correctly specified for this DTD, and that the elements exist in the XML document.

EV0013 **Error searching for &1. cniElementType
had a return code of &2. The search
path was &3.**

Severity: 4

Problem Determination: This is an internal error that was caused by a bad return code from a cniElementType call. The problem occurred after the

path to some element within the XML document had been searched. Once the element was located the type of the element could not be determined therefore further processing could not be completed. The message will be propagated to the next node in the message flow without the sending and/or receiving trading partner information.

User Response: Contact the support center.

EV0014 **Error occurred while looking for &1.
cniFirstChild returned &2. The path was
&3.**

Severity: 4

Problem Determination: This error indicates that there is a mismatch between a path specified for a sender/receiver id element, or a sender/receiver qualifier element and what the de-enveloper found in the incoming message.

User Response: Verify that paths specified for the sender/receiver ids and qualifiers are correct for the DTD being processed.

EV0017 **Error occurred while attempting to
envelope a message. The Envelope type
could not be determined.**

Severity: 8

Problem Determination: This error occurred because the ENVTYPE attribute was not specified for a message that was to be added to an envelope. The Enveloper node could not determine what type of envelope was to be used.

User Response: Ensure that an envelope type is specified.

EV0018 **The &1 plugin detected an error: &2.**

Severity: 4

Problem Determination: An error was detected during the processing of an EDI message. This is typically caused by an invalid EDI envelope. The error text gives additional information about the type of error that was detected.

User Response: Check the error text to determine the type of error that was detected. Ensure all mandatory envelope segments have been included and the input data conforms to the proper EDI standard.

EV0019 **No trading partner found. Qualifier =
&1 ID = &2.**

Severity: 4

Problem Determination: This message is logged if no trading partner could be found using the ID and Qualifier values specified in the input data. This may

EV Messages

or may not indicate that there is a problem. It is only a problem if no rule can be found to handle the transformation.

User Response: Ensure the input data specifies a valid trading partner. If the input data does not specify a trading partner then the rules node will attempt to locate a rule using the special value of ANY for the trading partner.

EV0020 Deenvelope processing failed due to parser errors. See preceding error messages for details.

Severity: 8

Problem Determination: The deenvelope processing could not be completed because the parser was unable to parse the input data. There are normally additional error messages before this one that describe the errors that the parser detected.

User Response: Check the parser error messages to determine the cause of the error. Correct the input data and retry the transformation.

EV0024 No C Record found. Node name is FFCREC.

Severity: 8

Problem Determination: No C record found (node FFCREC). Input data contains no C record.

User Response: The source syntax identified is application data. The DICTIONARY and DOCUMENT keywords are required for rawdata input and if omitted C and D application data is assumed. Either specify the DICTIONARY and DOCUMENT keywords or use an application input file in C and D record format.

EV0025 The FORMATID field was not specified on the C record.

Severity: 8

Problem Determination: The C record did not contain a value for the FORMATID field and the PERFORM command did not specify the DOCUMENT KEYWORD.

User Response: The source syntax identified is application data. The DICTIONARY and DOCUMENT keywords are required for rawdata input and if omitted C and D application data is assumed. Either specify the DICTIONARY and DOCUMENT keywords or specify the FORMATID field on the C record in the input file.

EV0026 Data Format Dictionary not found. Document = &1.

Severity: 8

Problem Determination: The data format dictionary

definition was not found for the data format specified either as DOCUMENT keyword on the PERFORM command or the FORMATID field on the C record in the server database.

User Response: Make sure the data format dictionary and document are defined in the server database.

FF Messages

FF0000 **Your request was completed successfully**

Explanation: Choose another action or exit this task.

Severity: 0

FF0005 **Missing SYSTEM or PLAN EDIFFUT parameters.**

Severity: 8

Problem Determination: Invoking the Utility (EDIFFUT) requires that the DB2 subsystem ID and plan be passed in. If program IKJEFT01 is executed, this information must be passed in via the SYSTEM and PLAN keywords in the EDIFFUT PARM list or via the EDITSIN file. Likewise, if program EDIFFUT is executed directly, this information must be passed in via the SYSTEM and PLAN keywords in the EDIFFUT PARM list or via the EDITSIN file. This error occurred because this information was not supplied to . Unfortunately, because cannot read the SYSTSIN file, supplying the IKJEFT01 SYSTEM and PLAN parameters alone will not suffice. This information must be supplied to via the EDIFFUT PARM list or via the EDITSIN file.

User Response: If you are executing the Utility via IKJEFT01, make sure the EDIFFUT PARM list contains the SYSTEM and PLAN keywords and values. These values should be the same as the corresponding IKJEFT01 SYSTEM and PLAN parameter values. If you are executing the Utility directly, make sure file EDITSIN contains the SYSTEM and PLAN keywords and values. See the Programmer's Reference for more information.

FF0007 **Data was written to xxxxxxxx. Message control number or document id was
yyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyyy.**

Severity: 0

Problem Determination: This is a normal message showing the name of an output file written to.

User Response: None.

FF0010 **Transaction number &1 to &2 translated successfully.**

Severity: 0

FF0011 **Transaction number &1 translated with errors.**

Severity: 4

Problem Determination: The transaction specified in the message did not translate successfully.

User Response: Examine the messages written above

FF0011 in the print file to determine the actual problem.

FF0012 **Transactions with Interchange Control Number &1 were NOT queued, return code = &2 extended return code = &3.**

Severity: 8

Problem Determination: A request to envelope translated data failed.

User Response: Examine the messages in the print file previous to FF0012 for more details.

FF0020 **Completed sending network files for &1.**

Severity: 0

Problem Determination: A request to send data has completed successfully.

FF0030 **Completed receiving network files for &1.**

Severity: 0

Problem Determination: A request to receive data has completed successfully.

FF0032 **Processed &1 total transaction(s) for mailbox (requestor) id &2.**

Severity: 0

Problem Determination: This message indicates the total number of transactions deenveloped (and translated) for the specified mailbox (requestor) id.

FF0033 **Processed &1 total transaction(s) from file &2.**

Severity: 0

Problem Determination: This message indicates the total number of transactions deenveloped (and translated) from the specified envelope file.

FF0034 **Processed &1 total transaction(s) from the transaction store.**

Severity: 0

Problem Determination: This message indicates the total number of transactions <re>translated to the application format from the transaction store.

FF Messages

FF0040 Transaction with control number &1 translated and written to &2.

Severity: 0

Problem Determination: The transaction specified was translated into the application format and stored in the file specified.

FF0041 Transaction with control number &1 translated successfully with no data returned.

Severity: 4

Problem Determination: The transaction specified was translated into the data format, but no application data was generated.

User Response: This may not be an error condition, but check the receive map (trading partner transaction) to make sure data was not supposed to be returned.

FF0042 Transaction with control number &1 translated with errors and no data was returned.

Severity: 8

Problem Determination: The transaction specified was translated but errors were encountered. The errors may have been severe enough so that no data was generated in the application format.

User Response: Examine the messages in the print file preceding FF0042. These detailed messages should help determine the problem.

FF0043 Transaction with control number &1 deenvloped and added to the store successfully.

Severity: 0

Problem Determination: The transaction specified was deenvloped successfully and added to the transaction store.

User Response: A PERFORM TRANSLATE TO APPLICATION command can be used to translate the deenvloped transaction into the application format.

FF0044 Application TSQ &1 has overflowed into TSQ &2 during inbound translation. A response program is required.

Severity: 0

Problem Determination: The current inbound transaction has been translated and written to multiple application TSQs. This message indicates the overflow of one TSQ into another. For response programs, a pointer to the control block that contains the names of

all the application TSQs can be found in the Utility Control Block field APMTCBP. A value of 'Y' in field APMTFLG indicates that the original application TSQ has overflowed into additional TSQs and that APMTCBP points to a valid Multiple TSQ Control Block. A user written response program must exist to handle these multiple application TSQs. See "Processing Multiple Incoming TS Queues" in the Programmer's Reference for more information.

User Response: A user written response program must exist to handle the application TSQs mentioned in the message. If an appropriate response program is already in place, this message is informational only.

FF0100 No mailbox or requestor ID supplied.

Severity: 8

Problem Determination: A utility command was issued which requires a mailbox or requestor id, but one was not supplied via the MAILBOX or REQID keyword.

User Response: Examine the command language input and add the MAILBOX or REQID keyword to the appropriate PERFORM command.

FF0101 Application file was not supplied, translation terminated.

Severity: 8

Problem Determination: The APPFILE keyword was not supplied on the appropriate PERFORM TRANSLATE utility command.

User Response: Make sure the APPFILE keyword is supplied for every WHERE clause in the command language input. The command language syntax for the PERFORM TRANSLATE TO STANDARD type commands has multiple keywords for one WHERE clause (like OPTRECS, EENVDATE, etc.). More than one WHERE clause in the same PERFORM TRANSLATE TO STANDARD type command indicates more than one input APPFILE is to be translated.

FF0110 Unable to retrieve mailbox or requestor profile &1, return code = &2 extended return code = &3.

Severity: 8

Problem Determination: The mailbox or requestor profile member stated in the message could not be retrieved by profile services.

User Response: Make sure the mailbox or requestor profile member exists in the MAILBOXES or REQPROF profile. If the profile member does exist, examine the return codes in the message. They will be documented in this manual under profile services return codes.

FF0111 **Unable to retrieve network profile &1, return code = &2 extended return code = &3.**

Severity: 8

Problem Determination: The network profile member stated in the message could not be retrieved by profile services.

User Response: Make sure the network profile member exists in the NETPROF profile. If the profile member does exist, examine the return codes in the message. They will be documented in this manual under profile services return codes. The network profile member name has been obtained from the mailbox or requestor profile specified via the MAILBOX or REQID keyword.

FF0120 **Duplicate send requests to the same network not allowed, network id = &1.**

Severity: 8

Problem Determination: More than one send under the same invocation was requested using the same mailbox or requestor profile member.

User Response: Examine the use of the MAILBOX or REQID keyword and make sure a mailbox or requestor profile member was not specified more than once.

FF0121 **Duplicate receive requests for a mailbox or requestor not allowed, mailbox or requestor id = &1**

Severity: 8

Problem Determination: A PERFORM RECEIVE type command was issued and a mailbox or requestor profile member was specified more than once.

User Response: Examine the use of the MAILBOX or REQID keyword and make sure a mailbox or requestor profile member was not specified more than once.

FF0131 **Input application file empty, no transactions to process.**

Severity: 4

Problem Determination: The file specified by the APPFILE keyword exists but is empty.

User Response: Examine the file specified by APPFILE and determine the cause for no input application data.

FF0132 **The translator found no transactions to process, mailbox (requestor) id = &1.**

Severity: 4

Problem Determination: A DEEENVELOPE request was issued on behalf of the mailbox (requestor profile)

member specified in the message, but Translation Services did not find any data to process.

User Response: Examine the file associated with the requestor id to make sure the file is empty.

FF0133 **Data was not returned by the translator during the processing of file &1.**

Severity: 4

Problem Determination: A DEEENVELOPE <AND TRANSLATE> request was issued against the file specified in the message, but Translation Services did not return any data to the application.

User Response: The file most likely contained all functional acknowledgements. No action need be taken in this case, since this is a normal situation. The file could also be empty.

FF0140 **Communications detected error sending file, mailbox (requestor) id = &1, return code = &2 extended return code = &3.**

Severity: 8

Problem Determination: The communications services detected an error attempting to send a file on behalf of the specified mailbox (requestor) id.

User Response: Examine the return codes in the message against the same return codes documented in this manual under the communications services return codes section.

FF0141 **Communication detected error receiving file, mailbox (requestor) id = &1, return code = &2 extended return code = &3.**

Severity: 8

Problem Determination: The communications services detected an error attempting to receive a file on behalf of the specified mailbox (requestor) id.

User Response: Examine the return codes in the message against the same return codes documented in this manual under the communications services return codes section.

FF0142 **A receive was issued, but no data was returned for mailbox (requestor) id &1.**

Severity: 4

Problem Determination: A receive was issued on behalf of the specified mailbox (requestor) id, but there was no data in the network mailbox matching the selection criteria specified.

User Response: This is a normal occurrence, try the receive again at a later time.

FF Messages

FF0150 Transaction number &1 had no "D" records or RAWFMTID not specified.

Severity: 8

Problem Determination: A request to translate to a standard format was processed, but a transaction in the input application file did not contain any "D" records nor was a raw data format name specified.

User Response: Examine the data in the file specified by the APPFILE keyword to find the transaction with the missing "D" records. If raw data is desired, make sure to specify the RAWFMTID parameter in the input command language statements.

FF0151 Transaction number &1 had no "C" record.

Severity: 8

Problem Determination: A request to translate to a standard format was processed, but a transaction in the input application file did not contain a "C" record.

User Response: Examine the data in the file specified by the APPFILE keyword to find the transaction with the missing "C" record. If raw data is desired, make sure to specify the data format using the RAWFMTID keyword in the PERFORM command.

FF0152 Transaction number &1 contains an invalid record code.

Severity: 8

Problem Determination: The application file contained a record with a character in column one which was not "C", "X", or "D".

User Response: Examine the application file specified by the APPFILE keyword to determine the record in error. If raw data is desired, make sure to specify RAWDATA(Y) in the input command language statements.

FF0153 Transaction number &1 has too many D records (single unit of work).

Severity: 8

Problem Determination: The input application file requested single unit of work processing in one of the "C" records, but the "C" record was followed by more than one "D" record.

User Response: Examine the input application file specified by the APPFILE keyword. Either remove the extra "D" records or if multiple unit of work is desired, change the corresponding flag in the "C" record.

FF0160 Transaction number &1 had a translation error, return code = &2 extended return code = &3.

Severity: 4

Problem Determination: The transaction specified in the message had a translation error.

User Response: Examine the messages written above the FF0160 message in the print file for an explanation of the real problem. The return codes in the message can also be examined against the return codes specified in this manual in the translation services return codes section.

FF0161 Transaction with control number &1 translated with errors and written to &2.

Severity: 4

Problem Determination: The transaction specified in the message was translated into the application format and written to the file specified. During translation, errors occurred.

User Response: Examine the messages written above the FF0161 message to determine the cause of the translation errors.

FF0162 Immediate error attempting to translate the next transaction, return code = &1 extended return code = &2.

Severity: 8

Problem Determination: Translation services has encountered an error at the transaction, group or interchange level.

User Response: Examine the messages written to the print file above the FF0162 message for more details. Examine the return codes in the message against return codes in this manual in the Translation Services return codes section for more details.

FF0163 A transaction in a BUNDLE was in error. The BUNDLE has been flagged in error and all application data discarded.

Severity: 4

Problem Determination: During receive processing if any transaction in a BUNDLE does not translate successfully then the entire BUNDLE is discarded and no data is written to the application file. Currently BUNDLES are only created when processing transactions from a UN/TDI envelope and the entire envelope is considered a BUNDLE.

User Response: Examine the messages written above the FF0163 message to determine the cause of the translation errors.

FF0167 **Processing Transactions from application file: &1.**

Severity: 0

Problem Determination: The Utility was invoked to translate application data contained in the file specified in the message.

User Response: The messages following the FF0167 message will indicate if the translation was successful.

FF0168 **The Default Batch ID, &1, has been assigned for the following transactions.**

Severity: 0

Problem Determination: A translation request without a BATCHSET parameter was processed. This message reports the default batch ID associated with any transactions stored in the transaction store following this message, until another message referring to batch ID is written.

User Response: This is a normal condition.

FF0169 **The Batch ID, &1, has been assigned for the following transactions.**

Severity: 0

Problem Determination: A translation request with a BATCHSET parameter was processed. This message reports the batch ID associated with any transactions stored in the transaction store following this message, until another message referring to batch ID is written.

User Response: This is a normal condition.

FF0180 **Processing Transactions from application file: &1 type: &2.**

Severity: 0

Problem Determination: The Utility was invoked to translate application data contained in the file specified in the message.

User Response: The messages following the FF0180 message will indicate if the translation was successful.

FF0181 **Functional acknowledgments have been generated and added to the store.**

Severity: 0

Problem Determination: Due to a DEENVELOPE request, functional acknowledgments were generated and added to the transaction store. The functional acknowledgments were not enveloped.

User Response: The input command language statements should have contained FADELAY(Y). If enveloping of functional acknowledgments is desired at DEENVELOPE time, specify FADELAY(N).

FF0182 **Functional acknowledgments have been generated and enveloped.**

Severity: 0

Problem Determination: Due to a DEENVELOPE request, functional acknowledgments were generated, added to the transaction store, and enveloped.

User Response: If enveloping is not desired specify FADELAY(Y) on the PERFORM DEENVELOPE type command.

FF0183 **Duplicate envelope encountered with interchange control number &1 from trading partner &2.**

Severity: 4

Problem Determination: A request to deenvelope was issued on behalf of one or more envelopes which contained the same interchange control number and trading partner of a previous envelope in the transaction store.

User Response: If the user is testing out the deenveloping function of , this is most likely a normal condition. If the user is in a production environment, this may be a problem. Examine the envelope mentioned in the message for more details.

FF0184 **Application records were truncated in file &1 due to the transaction specified in the following message.**

Severity: 8

Problem Determination: Application data records have been truncated when they were written to the application file. The cause of this problem is an application record is larger than the maximum record length of the file.

User Response: Redefine the application file with a maximum record length that will always be larger than the largest application record generated.

FF0185 **Transaction with control number &1 transferred from queue to &2.**

Severity: 0

Problem Determination: The transaction specified was read from the queue and written to the application file specified. Items are queued when envelope level recovery has been specified or a BUNDLE is in effect. Items are transferred from the queue to the application file when the envelope or bundle is complete.

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FF0186 **Functional acknowledgment environment initialization started for: Trading Partner ID = &1. Interchange control number = &2. Group control number = &3.**

Severity: 0

Problem Determination: During DEENVELOPE processing, the translator will generate functional acknowledgments if indicated to do so by the receive usage. This is an informational message that signals the start of functional acknowledgment environment initialization for this functional acknowledgment. All of the messages that appear in the print file between this message and the FF0187 message, end of functional acknowledgement environment initialization, will be associated with the functional acknowledgement environment initialization not with the current DEENVELOPE processing.

FF0187 **Functional acknowledgment environment initialization ended for: Trading Partner ID = &1. Interchange control number = &2&2. Group control number = &3.**

Severity: 0

Problem Determination: During DEENVELOPE processing, the translator will generate functional acknowledgments if indicated to do so by the receive usage. This is an informational message that signals the end of the current functional acknowledgment environment initialization. All of the messages that appear in the print file between the FF0186 message, start of functional acknowledgement environment initialization, and this message will be associated with the functional acknowledgement environment initialization not with the current DEENVELOPE processing.

FF0188 **Functional acknowledgment translation started for: Trading Partner ID = &1. Interchange control number = &2. Group control number = &3.**

Severity: 0

Problem Determination: During DEENVELOPE processing, the translator will generate functional acknowledgments if indicated to do so by the receive usage. This is an informational message that signals the start of functional acknowledgment processing. All of the messages that appear in the print file between this message and the FF0189 message, end of functional acknowledgement translation, will be associated with the functional acknowledgement translation not with the current DEENVELOPE processing.

FF0189 **Functional acknowledgment translation ended for: Trading Partner ID = &1. Interchange control number = &2. Group control number = &3.**

Severity: 0

Problem Determination: During DEENVELOPE processing, the translator will generate functional acknowledgments if indicated to do so by the receive usage. This is an informational message that signals the end of the current functional acknowledgment translation. All of the messages that appear in the print file between the FF0188 message, start of functional acknowledgement translation, and this message will be associated with the functional acknowledgement translation not with the current DEENVELOPE processing.

FF0190 **Processing envelopes from mailbox (requestor) id: &1.**

Severity: 0

Problem Determination: A PERFORM DEENVELOPE type command was issued and envelopes will be processed on behalf of the mailbox (requestor profile) member specified in the message.

User Response: Examine the messages which follow the FF0190 message for details on the completion of the DEENVELOPE request.

FF0191 **Processing envelopes from file: &1.**

Severity: 0

Problem Determination: A PERFORM DEENVELOPE type command was issued and envelopes will be processed on from the file specified in the message.

User Response: Examine the messages which follow the FF0191 message for details on the completion of the DEENVELOPE request.

FF0192 **Processing envelopes from temporary storage queue: &1.**

Severity: 0

Problem Determination: A PERFORM DEENVELOPE type command was issued and envelopes will be processed on from the temporary storage queue specified in the message in the CICS environment.

User Response: Examine the messages which follow the FF0192 message for details on the completion of the DEENVELOPE request.

FF0193 **Processing transactions from the store.**

Severity: 0

Problem Determination: A PERFORM TRANSLATE TO APPLICATION command has been issued with transaction store selection criteria as input.

User Response: Examine the messages which follow the FF0193 message for details on the completion of the TRANSLATE TO APPLICATION request.

FF0194 **Application data records associated with the transaction specified in the following message were not written to file &1.**

Severity: 8

Problem Determination: Some or all application data records for the transaction were not written to the application file. These application data records were instead written to the exception file.

User Response: Investigate why DataInterchange was not able to write to the application file. If you cannot resolve this problem, call your support center.

FF0200 **A request to allocate memory failed, program terminated.**

Severity: 12

Problem Determination: A request to allocate memory failed, indicating that the process is out of virtual storage. End REQCLEANUP -->

User Response: Run the job again. If it fails increase the virtual storage size. If you can not resolve this problem, call your support center.

FF0201 **The PERFORM TRANSFORM command did not complete successfully. A request for main storage (GETMAIN) failed. The return code was &1 and the extended return code was &2.**

Severity: 12

Problem Determination: PERFORM TRANSFORM was issued from the Utility. A GETMAIN request failed, indicating the region was out of virtual storage. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "Service Director Environmental Services - Getmain Service Return Codes" section of the Messages And Codes manual and take appropriate action.

FF0202 **The PERFORM TRANSFORM command did not complete successfully. There was an error initializing the Passthru service to the Message Broker. The return code was &1 and the extended return code was &2.**

Severity: 12

Problem Determination: PERFORM TRANSFORM was issued from the Utility. An error occurred on the Passthru service initialization call. Possible MVS-Batch extended return codes are:

- -98.....Invalid Passthru service function call
- 4.....CEEPIPI function code invalid
- 8.....CEEPIPI load program EDIMB failed
- 16.....CEEPIPI environment already active

Possible CICS extended return codes are:

- -99.....Message Broker transaction EDIM terminated
- -98.....Invalid Passthru service function call
- EIBRESP...CICS EIBRESP code from GETMAIN, WRITEQ, or START

User Response: If the MVS-Batch extended return code was a CEEPIPI value, consult the "CEEPIPI(init_sub)--Initialize for Subroutines" section of the LE Programming Guide and take appropriate action. If the CICS extended return code was an EIBRESP value, consult the CICS Application Programming Reference and take appropriate action. Otherwise, consult your support center.

FF0203 **A PERFORM TRANSFORM WHERE clause either did not contain a required keyword or a keyword value was incorrect. INFILE and SYNTAX are required keywords on PERFORM TRANSFORM commands. SYNTAX must have a value of D, E, or X. Processing skipped to the next WHERE clause of the PERFORM TRANSFORM command, if one was specified.**

Severity: 8

Problem Determination: A PERFORM TRANSFORM WHERE clause either did not contain a required keyword or a keyword value was incorrect. INFILE and SYNTAX are required keywords on PERFORM TRANSFORM commands. INFILE must have a non-blank value and SYNTAX must have a value of D, E, or X. The transformation did not complete successfully.

User Response: Resolve the problem and rerun the errant WHERE clause.

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FF0204 **An error occurred preparing the input file for transformation. Refer to previously logged messages for information regarding the error. Processing skipped to the next WHERE clause of the PERFORM TRANSFORM command, if one was specified.**

Severity: 8

Problem Determination: PERFORM TRANSFORM was issued from the Utility. An error occurred preparing the input file for transformation. One or more messages were logged previous to this message which explain the error. The transformation did not complete successfully.

User Response: Refer to the previously logged messages and take appropriate action. After the problem has been resolved, rerun the errant WHERE clause.

FF0205 **The PERFORM TRANSFORM command did not complete successfully. An error occurred calling the data transformation Message Broker. The return code was &1 and the extended return code was &2.**

Severity: 12

Problem Determination: PERFORM TRANSFORM was issued from the Utility. An error occurred calling the data transformation Message Broker. The error either occurred in the Passthru service to the Message Broker, or in the Message Broker itself. Possible MVS-Batch extended return codes are:

- -99.....Message Broker abended
- -98.....Invalid Passthru service function call
- 4.....CEEPIPI function code invalid
- 8.....CEEPIPI call from an LE-conforming HLL
- 12.....CEEPIPI environment initialized for main routines
- 16.....CEEPIPI token invalid
- 20.....CEEPIPI index points to invalid entry
- 24.....CEEPIPI index outside range of table
- 28.....CEEPIPI enclave terminated but process level persists

Possible CICS extended return codes are:

- -99.....Message Broker abended
- -98.....Invalid Passthru service function call
- EIBRESP..CICS EIBRESP code from READQ or GETMAIN

User Response: If the MVS-Batch extended return code was a CEEPIPI value, consult the "CEEPIPI(call_sub)--Invocation for Subroutines" section of the LE Programming Guide and take appropriate action. If the CICS extended return code was an

EIBRESP value, consult the CICS Application Programming Reference and take appropriate action. Otherwise, consult your support center.

FF0206 **There was an error opening file &1. The QSAM Handler return code was &2 and extended return code was &3. Processing skipped to the next message in the input file.**

Severity: 8

Problem Determination: PERFORM TRANSFORM was issued from the Utility. An error occurred opening a file. The transformation did not complete successfully.

User Response: Make sure that the file exists and that its type is correct. The default file type in MVS is that the file name is the ddname of a sequential file. The default file type in CICS is TS (temporary storage queue). Refer to the "QSAM Handler" section of the Messages And Codes manual for more information and direction. After the problem has been resolved, transform the message.

FF0207 **There was an error writing to file &1. The QSAM Handler return code was &2 and extended return code was &3. Processing skipped to the next message in the input file.**

Severity: 8

Problem Determination: PERFORM TRANSFORM was issued from the Utility. An error occurred writing to a file. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "QSAM Handler" section of the Messages And Codes manual and take appropriate action. After the problem has been resolved, transform the message.

FF0208 **File &1 contained no data. Processing skipped to the next WHERE clause of the PERFORM TRANSFORM command, if one was specified.**

Severity: 4

Problem Determination: PERFORM TRANSFORM was issued from the Utility. A WHERE clause input file contained no data and, therefore, transformation did not take place on it.

User Response: This message is simply a warning that an input file contained no data. If this message is unexpected, verify that the correct file is specified in the PERFORM TRANSFORM WHERE clause and verify its contents. If appropriate, adjust and rerun the WHERE clause.

FF0212 **Input message contains no "C" record.**

Severity: 8

Problem Determination: A request to transform source application data was processed, but a message in the input application file did not contain a "C" record.

User Response: Examine the data in the file specified by the INFILE keyword to find the message with the missing "C" record. If raw data is desired, make sure to specify the data format using the DICTIONARY and DOCUMENT keywords in the PERFORM command.

FF0213 **A virtual array error occurred during the processing of C and D application data as target output.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute DataInterchange again. If this is a recurring error, contact your support center.

FF0300 **Unable to open file &1. QSAM File Handler return code = &2. File Handler extended return code = &3.**

Severity: 8

Problem Determination: An open on the file in the message failed.

User Response: Examine the return codes in the message against return codes in this manual in the File handler section for more details.

FF0301 **Unable to read from &1. QSAM File Handler return code = &2. File Handler extended return code = &3.**

Severity: 8

Problem Determination: A read from the file in the message failed.

User Response: Examine the return codes in the message against return codes in this manual in the File handler section for more details.

FF0302 **Unable to write to &1. QSAM File Handler return code = &2. File Handler extended return code = &3.**

Severity: 8

Problem Determination: A write to the file in the message failed.

User Response: Examine the return codes in the

message against return codes in this manual in the File handler section for more details.

FF0400 **Unable to open the print file. QSAM File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An open on the print file failed.

User Response: Check the PRTFILE name. Examine the return codes in the message against return codes in this manual in the File handler section for more details.

FF0401 **Error occurred while writing to the print file. File Handler code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while writing to the print file.

User Response: Verify that the filesystem of the print file, PRTFILE, is not full. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0402 **Error occurred during the closing of the print file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while attempting to close the print file.

User Response: Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0403 **Error occurred while invoking message services. Message services return code = &1. Message services extended return code = &2.**

Severity: 8

Problem Determination: Print file services received an error on return from Message Services.

User Response: Examine the return codes in the message against return codes in this manual in the Message Services section for more details.

FF0404 **A request to free storage failed.**

Severity: 4

Problem Determination: A request to free storage failed.

User Response: This is not a serious problem, but the

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support center should be notified if this error does happen.

FF0410 **A command file was not passed into the Utility.**

Severity: 8

Problem Determination: The command file name was not passed into the Utility.

User Response: Check to make sure the "command name" field is filled in when calling the Utility.

FF0411 **Unable to open the command file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: The Utility was unable to open the command file.

User Response: Check the SYSIN file. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0412 **Error occurred while reading the command file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while the Utility was attempting to read the command file.

User Response: Check the SYSIN file. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0413 **Too many commands in the command file. Split commands for a smaller run.**

Severity: 8

Problem Determination: The maximum size of the command file has been exceeded.

User Response: Split the input command data for separate runs of the Utility.

FF0414 **Error occurred during the closing of the command file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while the Utility was attempting to close the command file.

User Response: Examine the return codes in the

message against return codes in this manual in the QSAM File handler section for more details.

FF0415 **No transaction handle records were found in the data base.**

Severity: 8

Problem Determination: A Utility command was issued which queried the transaction store data base. No handles were found in the data base.

User Response: Check the command to make sure the utility is executing the desired function. Verify is being pointed to the right data base.

FF0416 **No transactions match selection criteria.**

Severity: 8

Problem Determination: A Utility command was issued which queried the transaction store data base. No handles were found in the data base which matched the selection criteria.

User Response: Check the selection criteria to make sure it meets the desired results.

FF0417 **A query file was not passed into the Utility.**

Severity: 8

Problem Determination: The query file name was not passed into the Utility.

User Response: Check to make sure the "query file name" field is filled in when calling the Utility.

FF0418 **Unable to open the query file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: The Utility was unable to open the query file. This file is only used for the QUERY command.

User Response: Check the EDIFILE name. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0419 **Error occurred while writing to the query file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while the Utility was attempting to write to the query file. This file is written to during the processing of the QUERY command only.

User Response: Verify that the query file, EDIFILE, is not full. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0420 **Error occurred during the closing of the query file. File Handler return code = &1. File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while the Utility was attempting to close the query file. This file is used during the processing of the QUERY command only.

User Response: Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

FF0421 **Mandatory mailbox id (keyword MAILBOX) or requestor id (keyword REQID) was not supplied in Utility command.**

Severity: 8

Problem Determination: The Utility command being processed requires a mailbox or requestor id to complete processing. One was not given.

User Response: Add a mailbox id (keyword MAILBOX) or requestor id (keyword REQID) to the where clause needing the mailbox or requestor id.

FF0422 **A virtual array error occurred during the processing of a PURGE command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0423 **The transaction with handle &1 is in the wrong status for PURGE processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0424 **The transaction with handle &1 was not found for PURGE processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0425 **Data base error occurred on transaction with handle &1 during PURGE processing.**

Severity: 8

Problem Determination: The transaction store service attempted to update a transaction and the update failed.

User Response: If you can not resolve this problem, call your support center.

FF0426 **A virtual array error occurred during the processing of an UNPURGE command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0427 **The transaction with handle &1 is in the wrong status for UNPURGE processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0428 **The transaction with handle &1 was not found for UNPURGE processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0429 **Data base error occurred on transaction with handle &1 during UNPURGE processing.**

Severity: 8

Problem Determination: The transaction store service

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attempted to update a transaction and the update failed.

User Response: If you can not resolve this problem, call your support center.

FF0430 **A virtual array error occurred during the processing of a HOLD command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0431 **The transaction with handle &1 is in the wrong status for HOLD processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0432 **The transaction with handle &1 was not found for HOLD processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0433 **Data base error occurred on transaction with handle &1 during HOLD processing.**

Severity: 8

Problem Determination: The transaction store service attempted to update a transaction and the update failed.

User Response: If you can not resolve this problem, call your support center.

FF0434 **A virtual array error occurred during the processing of a RELEASE command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0435 **The transaction with handle &1 is in the wrong status for RELEASE processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0436 **The transaction with handle &1 was not found for RELEASE processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0437 **Data base error occurred on transaction with handle &1 during RELEASE processing.**

Severity: 8

Problem Determination: The transaction store service attempted to update a transaction and the update failed.

User Response: If you can not resolve this problem, call your support center.

FF0438 **A virtual array error occurred during the processing of an ENVELOPE command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0439 **The transaction with handle &1 is in the wrong status for ENVELOPE processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0440 **The transaction with handle &1 was not found for ENVELOPE processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0441 **The transaction with handle &1 is not active for ENVELOPE processing.**

Severity: 8

Problem Determination: The transaction store status indicates that this transaction is in an inactive state.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0442 **The transaction with handle &1 is in the wrong direction for ENVELOPE processing.**

Severity: 8

Problem Determination: The transaction in the message is in the receive direction when enveloping can be done on transactions in the send direction only.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0443 **Enveloping has been attempted on transaction with handle &1, but the earliest envelope date has not been reached.**

Severity: 8

Problem Determination: The earliest envelope date, assigned at TRANSLATE TO STANDARD processing, has not been reached. The selection criteria specified included this transaction to be enveloped.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0444 **A virtual array error occurred during the processing of a REENVELOPE command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0445 **The transaction with handle &1 is in the wrong status for REENVELOPE processing.**

Severity: 8

Problem Determination: The status of the transaction does not correlate with the requested function.

User Response: Change the selection criteria to not include the transaction. Do not attempt the command in the message on the transaction.

FF0446 **The transaction with handle &1 was not found for REENVELOPE processing.**

Severity: 8

Problem Determination: The transaction in the message was not found in the data base.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0447 **The transaction with handle &1 is not active for REENVELOPE processing.**

Severity: 8

Problem Determination: The transaction store status indicates that this transaction is in an inactive state.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0448 **The transaction with handle &1 is in the wrong direction for REENVELOPE processing.**

Severity: 8

Problem Determination: The transaction in the message is in the receive direction when reenveloping can be done on transactions in the send direction only.

User Response: Change the selection criteria so the transaction is not included in the desired function.

FF0449 **Reenveloping has been attempted on transaction with handle &1, but the earliest envelope date has not been reached.**

Severity: 8

Problem Determination: The earliest envelope date, assigned at TRANSLATE TO STANDARD processing, has not been reached. The selection criteria specified included this transaction to be reenveloped.

User Response: Change the selection criteria so the transaction is not included in the desired function.

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FF0450 **No mailbox or requestor id given for network &1.**

Severity: 8

Problem Determination: A Utility command (such as ENVELOPE AND SEND) requires a mailbox or requestor id for each network for which data was queued. A mailbox id (keyword MAILBOX) or requestor id (keyword REQID) was not given for the network specified in the message text.

User Response: Add a mailbox or requestor id for the proper network to the command. Since the data was already enveloped, it must either be reenvveloped or separately sent in this case. Future runs will be fixed by adding the appropriate requestor id.

FF0451 **A command was issued which requires some transaction store selection criteria, but none was specified.**

Severity: 8

Problem Determination: A Utility command was issued which requires selection criteria from the transaction store, but no criteria was specified.

User Response: Specify in the command language some criteria which meets the desired results.

FF0452 **The mailbox or requestor id &1 was specified in a Utility command, but a matching member was not found in the MAILBOXES or REQPROF profile.**

Severity: 4

Problem Determination: A Utility command (such as ENVELOPE AND SEND) requires a mailbox or requestor id for each network for which data was queued. A mailbox id (keyword MAILBOX) or requestor id (keyword REQID) was given but does not match any member in the MAILBOXES or REQPROF profile.

User Response: Check the spelling of the mailbox or requestor id in the message. If the spelling is correct, add a member by that name to the MAILBOXES or REQPROF profile.

FF0453 **Error occurred while attempting to retrieve a mailbox (requestor) profile. Profile services return code = &1. Profile services extended return code = &2.**

Severity: 8

Problem Determination: An unexpected error was given by profile services while attempting to read a mailbox (requestor) profile.

User Response: Examine the return codes recorded in the message against the return codes in this manual in

the section Profile Services return codes for more details.

FF0454 **The user is not authorized to issue the REMOVE TRANSACTIONS command.**

Severity: 8

Problem Determination: The user who invoked the utility to remove transactions from the transaction store does not have proper authority.

User Response: Give the user the proper authority to perform the task only if the user should be able to remove transactions from the data base.

FF0455 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the transaction handle record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The transaction handle record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0456 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the transaction usage record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The transaction usage record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0457 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the group record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The group record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0458 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the envelope record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The envelope record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0459 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the application transaction record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The application transaction record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0460 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the transaction override record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The transaction override record could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0461 **Data base error occurred during REMOVE TRANSACTIONS processing. The delete of the transaction image record for the transaction with handle &1 was unsuccessful.**

Severity: 8

Problem Determination: The transaction handle image could not be deleted for the transaction noted in the message.

User Response: Retry the operation and contact your support center if the problem persists.

FF0462 **A virtual array error occurred during the processing of REMOVE TRANSACTIONS command.**

Severity: 12

Problem Determination: The virtual array manager hit an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: If this is a recurring error, contact your support center.

FF0467 **The command file (standard input) does not contain any commands to process.**

Severity: 8

Problem Determination: The Utility was invoked, but no commands were supplied in the command file.

User Response: Check the standard input file.

FF0468 **Unable to acquire resources necessary to execute Remove Transactions in a stand alone mode, try again later.**

Severity: 8

Problem Determination: An attempt was made to obtain a necessary resource in order to perform the remove transactions function, but that resource is locked by another process.

User Response: Determine what resource is being used by another process and have that process release the resource so a stand alone execution can take place. Once this is resolved, execute again. If this is a recurring error, contact your support center.

FF0469 **The specified maximum elapsed time has been exceeded during the execution of the selection service. No records have been deleted from the transaction store.**

Severity: 8

Problem Determination: The MAXRUNTIME keyword was specified for a REMOVE TRANSACTIONS command and the maximum elapsed time specified has been reached. This occurred before had the chance to delete records from the database.

User Response: The MAXRUNTIME specified is much too low since did not even get the chance to delete any records. Increase the MAXRUNTIME to allow to run longer.

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FF0470 The specified maximum elapsed time has been exceeded during the execution of Remove Transactions. Records should be deleted but the entire process did not complete. See FF0511 messages above for details on which transactions were actually deleted.

Severity: 8

Problem Determination: The MAXRUNTIME keyword was specified for a REMOVE TRANSACTIONS command and the maximum elapsed time specified has been reached. This occurred before had the chance to complete deleting all selected records from the database.

User Response: The MAXRUNTIME specified has been exceeded. If possible, increase the value so can complete.

FF0471 No records were selected for data extract processing.

Severity: 4

Problem Determination: Either PERFORM TRANSACTION DATA EXTRACT or PERFORM ENVELOPE DATA EXTRACT was issued from the Utility. No records were selected that matched the selection criteria.

User Response: This is a normal message indicating that no records were selected for either the PERFORM TRANSACTION DATA EXTRACT or the PERFORM ENVELOPE DATA EXTRACT command. No records were written to the Query file.

FF0472 Mapping Migration failed from map (trading partner transaction) ID &1 to map (trading partner transaction) ID &2 with return code = &3 and extended return code = pppppp.

Severity: 8

Problem Determination: The PERFORM MAPPING MIGRATION command was issued from the Utility. However, an error was detected. Review the Mapping Migration errors logged at the time of the FF0472 for more information. Also, refer to the Migrating Mapping Service return codes in the Messages and Codes manual.

User Response: Correct the condition that caused the error and rerun the PERFORM MAPPING MIGRATION command.

FF0473 There is no network ID specified in the &1 mailbox (requestor profile) member. In order to execute this Utility command, the network ID must be supplied in the requestor's profile.

Severity: 8

Problem Determination: A Utility command that requires the network ID from the mailbox (requestor) profile was issued. However, the given mailbox (requestor) profile member does not contain a network ID.

User Response: Enter the appropriate network ID in the mailbox (requestor) profile.

FF0474 Error occurred while attempting to retrieve a network profile. Profile services return code = &1. Profile services extended return code = &2.

Severity: 8

Problem Determination: An unexpected error was given by profile services while attempting to read a network profile.

User Response: Examine the return codes recorded in the message against the return codes in this manual in the section Profile Services return codes for more details.

FF0475 Error occurred while attempting to execute a message handler program. Message services return code = &1. Message services extended return code = &2.

Severity: 8

Problem Determination: An unexpected error was given by message services while attempting to execute a message handler program.

User Response: Examine the return codes recorded in the message against the return codes in this manual in the section Message Services return codes for more details.

FF0476 Mapping Migration successful from map (trading partner transaction) ID &1 to map (trading partner transaction) ID &2. Verify new maps and compile control strings.

Severity: 0

Problem Determination: The PERFORM MAPPING MIGRATION command was issued from the Utility. The command completed successfully. New maps have been created and/or existing maps have been updated. Use DI Client to compile the control strings.

User Response: This is a normal message indicating the successful completion of the PERFORM MAPPING MIGRATION command. Verify new maps and generate control strings.

FF0477 **An error occurred when attempted to LINK to a customer supplied response program. Program name = &1, EIBRESP value = &2.**

Severity: 8

Problem Determination: attempted to CICS LINK to a customer supplied response program, but CICS returned an error on the LINK command.

User Response: The problem can be determined based on the EIBRESP value in the message. Determine what the cause of the problem is, correct the problem, and re-execute the CICS transaction.

FF0478 **An error occurred when attempted to START a customer supplied response transaction. Transaction name = &1, EIBRESP value = &2.**

Severity: 8

Problem Determination: attempted to CICS START a customer supplied response transaction, but CICS returned an error on the START command.

User Response: The problem can be determined based on the EIBRESP value in the message. Determine what the cause of the problem is, correct the problem, and re-execute the CICS transaction.

FF0479 **No records were found that met the management reporting selection criteria.**

Severity: 4

Problem Determination: Either PERFORM MANAGEMENT REPORT TRADING PARTNER PROFILE or PERFORM MANAGEMENT REPORT TRADING PARTNER CAPABILITY or PERFORM MANAGEMENT REPORT NETWORK ACTIVITY or PERFORM MANAGEMENT REPORT TRANSACTION ACTIVITY was issued from the Utility. No records were selected that matched the selection criteria.

User Response: This is a normal message indicating that no records were selected for either the PERFORM MANAGEMENT REPORT TRADING PARTNER PROFILE or the PERFORM MANAGEMENT REPORT TRADING PARTNER CAPABILITY or the PERFORM MANAGEMENT REPORT NETWORK ACTIVITY or the PERFORM MANAGEMENT REPORT TRANSACTION ACTIVITY command. No records were written to the Query file.

FF0480 **There is no message handler specified in the &1 network profile member. In order to execute this Utility command, a message handler program name must be supplied.**

Severity: 8

Problem Determination: A Utility command that requires a message handler program name from the network profile was issued. However, the given network profile member does not contain a message handler name.

User Response: Enter the appropriate message handler program name in the network profile and re-execute the command.

FF0481 **There is no network output file specified in the &1 network profile member nor is one supplied with the ACKFILE keyword. In order to execute this Utility command, a network output file name must be supplied (either in the network profile member or as an ACKFILE keyword value).**

Severity: 8

Problem Determination: A Utility command that requires a network output file name was issued. However, a network output file name was not supplied in the given network profile or as an ACKFILE keyword value.

User Response: Enter the appropriate network command output file name in either the associated network profile or as an ACKFILE keyword value and re-execute the Utility command.

FF0482 **The requested Utility command is not supported in CICS.**

Severity: 8

Problem Determination: The requested Utility command is not supported in CICS.

User Response: Not applicable.

FF0483 **A mandatory keyword is missing from a WHERE clause on a PERFORM command. Review proper command syntax.**

Severity: 8

Problem Determination: A PERFORM command was issued from the Utility and a mandatory keyword was missing from a WHERE clause. The corresponding WHERE clause was not executed.

User Response: Review proper command syntax. Make sure to use all mandatory keywords in each

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command WHERE clause. Correct the command and resubmit.

FF0484 &1 profile member &2 has been deleted.

Severity: 4

Problem Determination: A PERFORM DELETE PROFILE command has been entered from the Utility. The given profile member has been successfully deleted.

User Response: This is a normal message indicating the deletion of the given profile member.

FF0485 The Utility does not recognize profile ID &1.

Severity: 8

Problem Determination: A PERFORM QUERY PROFILE command has been entered from the Utility. The given profile ID is not valid.

User Response: Either correct the profile ID entered in the command or contact your support center.

FF0486 The requested Utility command is only supported in CICS.

Severity: 8

Problem Determination: The requested Utility command is only supported in CICS.

User Response: Not applicable.

FF0487 encountered an error accessing the report file. Handler return code = &1. Handler extended return code = &2.

Severity: 8

Problem Determination: The Utility encountered an error accessing the report file. The default report file name is RPTFILE.

User Response: Examine the return codes in the message against return codes in this manual in the QSAM Handler section for more details.

FF0488 encountered an error accessing a VSAM KSDS file. VSAM KSDS Handler return code = &1. VSAM KSDS Handler extended return code = &2.

Severity: 8

Problem Determination: The Utility encountered an error accessing a VSAM KSDS file.

User Response: Examine the return codes in the message against return codes in this manual in the VSAM KSDS Handler section for more details.

FF0489 encountered an error in Profile Services. Profile Services return code = &1. Profile Services extended return code = &2.

Severity: 8

Problem Determination: The Utility encountered an error in Profile Services.

User Response: Examine the return codes in the message against return codes in this manual in the Profile Services section for more details. Also examine any related error messages in the appropriate log.

FF0490 The Utility detected an error trying to verify whether or not a trading partner to be deleted has any associated items.

Severity: 8

Problem Determination: The Utility detected an error trying to verify whether or not a trading partner to be deleted has any associated items.

User Response: This error should not occur. Contact your support center.

FF0491 Mandatory APPLID keyword and associated value not provided, processing terminated.

Severity: 8

Problem Determination: The keyword APPLID and associated value were not provided on the WHERE clause.

User Response: Add the APPLID keyword and the associated value to the PERFORM command and rerun the utility.

FF0492 Mandatory LOGFILE keyword and associated value not provided, processing terminated.

Severity: 8

Problem Determination: The keyword LOGFILE and associated value were not provided on the WHERE clause.

User Response: Add the LOGFILE keyword and the associated value to the PERFORM command and rerun the utility.

FF0493 An invalid NUMDELS value was entered. The valid NUMDELS range is 0 to 1000. The default value of 100 will be assumed.

Severity: 4

Problem Determination: An invalid NUMDELS value was entered on a utility PERFORM command. The

valid NUMDELS range is 0 to 1000. The default value of 100 will be assumed.

User Response: The PERFORM command executed with the default NUMDELS value of 100. If a NUMDELS value of 100 is not suitable, specify another value within the range 1 to 1000.

FF0494 **Mandatory ARCHIVEFILE keyword and associated value not provided, processing terminated.**

Severity: 8

Problem Determination: The keyword ARCHIVEFILE and associated value were not provided on the WHERE clause.

User Response: Add the ARCHIVEFILE keyword and the associated value to the PERFORM command and rerun the utility.

FF0495 **Mandatory HOLDFILE keyword and associated value not provided, processing terminated.**

Severity: 8

Problem Determination: The keyword HOLDFILE and associated value were not provided on the WHERE clause.

User Response: Add the HOLDFILE keyword and the associated value to the PERFORM command and rerun the utility.

FF0500 **Data successfully enveloped for network &1 into file &2.**

Severity: 0

Problem Determination: An envelope has been generated and written to the file specified in the message.

FF0501 **Interchange Control Number = &1.**

Severity: 0

Problem Determination: Message indicates Interchange Control Number associated with previous FF0500 message.

FF0502 **QUERY command completed successfully. Matching handles have been stored in the query file.**

Severity: 0

Problem Determination: The QUERY command was issued and was completed successfully.

User Response: Examine the query file (EDIQUERY) for handles which match selection criteria.

FF0503 **QUERY command failed. Inspect messages above for details.**

Severity: 8

Problem Determination: The QUERY command was issued and did not complete successfully.

User Response: Examine the messages recorded in the print file above FF0503 for details on why the query did not complete successfully.

FF0504 **Transaction with handle &1 has been successfully held.**

Severity: 0

Problem Determination: A HOLD command was requested for the transaction in the message and the processing completed successfully.

FF0505 **Transaction with handle &1 has been successfully released.**

Severity: 0

Problem Determination: A RELEASE command was requested for the transaction in the message and the processing completed successfully.

FF0506 **Transaction with handle &1 has been successfully marked for purge.**

Severity: 0

Problem Determination: A PURGE command was requested for the transaction in the message and the processing completed successfully.

FF0507 **Transaction with handle &1 has been successfully restored from the marked for purge status.**

Severity: 0

Problem Determination: An UNPURGE command was requested for the transaction in the message and the processing completed successfully.

FF0508 **Reports have been generated successfully on behalf of a PERFORM PRINT command.**

Severity: 0

Problem Determination: The PERFORM PRINT command was issued and was completed successfully.

User Response: Examine the report file for output.

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FF0509 **Reports have been generated with mixed results, examine messages above for details.**

Severity: 4

Problem Determination: The PERFORM PRINT command was issued and some minor errors were encountered.

User Response: Examine the report file for output. Examine the messages written above the FF0509 message in the print file for more details.

FF0510 **Reports generation has failed, see messages above for details.**

Severity: 8

Problem Determination: The PERFORM PRINT command was issued and failed.

User Response: Examine the messages in the print file above message FF0510 for more details.

FF0511 **Transaction with handle &1 has been successfully removed from the transaction store.**

Severity: 0

Problem Determination: A REMOVE TRANSACTIONS command was requested and the transaction with the specified handle was successfully removed.

FF0512 **Export processing has completed successfully on behalf of a PERFORM EXPORT command.**

Severity: 0

Problem Determination: The PERFORM EXPORT command was issued and was completed successfully.

FF0513 **Export processing failed, see messages above for details.**

Severity: 8

Problem Determination: The PERFORM EXPORT command was issued and failed.

User Response: Examine the messages in the print file above message FF0513 for more details.

FF0514 **Import processing has completed successfully on behalf of a PERFORM IMPORT command.**

Severity: 0

Problem Determination: The PERFORM IMPORT command was issued and was completed successfully.

FF0515 **Import processing failed, see messages above for details.**

Severity: 8

Problem Determination: The PERFORM IMPORT command was issued and failed.

User Response: Examine the messages in the print file above message FF0515 for more details.

FF0516 **Network status update has been processed.**

Severity: 0

Problem Determination: A PERFORM UDPATE STATUS command has been issued and processing has been completed.

User Response: To determine the success or failure of this command, examine the messages written above this message or examine the event log.

FF0517 **Close mailbox request successfully processed for mailbox (requestor) id &1.**

Severity: 0

Problem Determination: The Utility command PERFORM CLOSE MAILBOX was issued on behalf of a mailbox (requestor) id. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the CLOSE MAILBOX command.

FF0518 **Close mailbox request processed unsuccessfully for mailbox (requestor) id &1. See messages in associated log for more details.**

Severity: 8

Problem Determination: The Utility command PERFORM CLOSE MAILBOX was issued on behalf of a mailbox (requestor) id. It did not complete successfully, see the active log for a more detailed explanation.

User Response: An error occurred during the processing of the PERFORM CLOSE MAILBOX command. Examine the active log at the time the FF0518 message was generated for more details. A probable cause is the mailbox (requestor) id specified is not valid. If Expedite/CICS is being used and a VN1017 message was logged, examine the Expedite/CICS return code for more details. A common problem is an HI421 return from Expedite/CICS which indicates the mailbox was not open when the close was requested.

FF0519 **Data Extract request successfully processed, data generated in the Query file.**

Severity: 0

Problem Determination: Either PERFORM TRANSACTION DATA EXTRACT or PERFORM ENVELOPE DATA EXTRACT was issued from the Utility. The command completed successfully and the results were written to the Query file.

User Response: This is a normal message indicating the successful completion of either the PERFORM TRANSACTION DATA EXTRACT or the PERFORM ENVELOPE DATA EXTRACT command. Check the Query file for the results.

FF0520 **Data Extract request processed unsuccessfully. See messages in associated log for more details.**

Severity: 8

Problem Determination: Either the PERFORM TRANSACTION DATA EXTRACT or the PERFORM ENVELOPE DATA EXTRACT command was issued from the Utility. It did not complete successfully, see the active log for a more detailed explanation.

User Response: An error occurred during the processing of either the PERFORM TRANSACTION DATA EXTRACT or the PERFORM ENVELOPE DATA EXTRACT command. Examine the active log at the time the FF0520 message was generated for more details. A probable cause is no transactions met the selection criteria. If this is the case an FF0416 message would have been logged.

FF0521 **Records were selected for the Data Extract using the given selection criteria, but no data was written to the Query file.**

Severity: 0

Problem Determination: Either PERFORM TRANSACTION DATA EXTRACT or PERFORM ENVELOPE DATA EXTRACT was issued from the Utility. The command completed successfully, but no records were written to the Query file. Either the data records requested do not exist or the user program filtered out all of the selected records.

User Response: This is a normal message indicating the successful completion of either the PERFORM TRANSACTION DATA EXTRACT or the PERFORM ENVELOPE DATA EXTRACT command.

FF0522 **The Mapping Migration request successfully processed. Verify new maps and compile control strings.**

Severity: 0

Problem Determination: The PERFORM MAPPING MIGRATION command was issued from the Utility. The command completed successfully. New maps have been created and/or existing maps have been updated. Use DI Client to compile the control strings.

User Response: This is a normal message indicating the successful completion of the PERFORM MAPPING MIGRATION command. Verify new maps and generate control strings.

FF0523 **The Mapping Migration request processed unsuccessfully. See the Mapping Migration errors logged at the time of the FF0472 for more information.**

Severity: 8

Problem Determination: The PERFORM MAPPING MIGRATION command was issued from the Utility. One or more errors were encountered in processing the command. Review the Mapping Migration errors logged at the time of the FF0472 for more information. Also, refer to the Migrating Mapping Service return codes in the Messages and Codes manual.

User Response: An error occurred processing the PERFORM MAPPING MIGRATION command. Probable causes could be memory allocations, security authorizations, data base errors, or incorrectly specified 'from' map names. Correct the cause of the problem and rerun the PERFORM MAPPING MIGRATION command.

FF0524 **Process network acknowledgments executed successfully.**

Severity: 0

Problem Determination: The PERFORM PROCESS NETWORK ACKS command executed successfully. This is a normal message indicating successful execution.

User Response: This is a normal message indicating successful execution of the PERFORM PROCESS NETWORK ACKS Utility command.

FF0525 **Network status update has been processed but errors were encountered, please see messages above for details.**

Severity: 0

Problem Determination: A PERFORM UDPATE STATUS command has been issued and processing has been completed. Errors occurred during the processing of the command, check other messages written out

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above the FF0525 message for more details.

User Response: To determine the error encountered, examine the messages written above this message or examine the event log.

FF0526 **The management reporting request successfully processed. Report data written to the Query file.**

Severity: 0

Problem Determination: Either PERFORM TRADING PARTNER PROFILE DATA EXTRACT or PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or PERFORM NETWORK ACTIVITY DATA EXTRACT or PERFORM TRANSACTION ACTIVITY DATA EXTRACT was issued from the Utility. The command completed successfully and the results were written to the Query file.

User Response: This is a normal message indicating the successful completion of either the PERFORM TRADING PARTNER PROFILE DATA EXTRACT or PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or PERFORM NETWORK ACTIVITY DATA EXTRACT or PERFORM TRANSACTION ACTIVITY DATA EXTRACT command. The results were written to the Query file.

FF0527 **The management reporting request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: Either PERFORM TRADING PARTNER PROFILE DATA EXTRACT or PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or PERFORM NETWORK ACTIVITY DATA EXTRACT or PERFORM TRANSACTION ACTIVITY DATA EXTRACT was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during the processing of either the PERFORM TRADING PARTNER PROFILE DATA EXTRACT or PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or PERFORM NETWORK ACTIVITY DATA EXTRACT or PERFORM TRANSACTION ACTIVITY DATA EXTRACT command. Examine the active log at the time the FF0527 message was generated for more details.

FF0528 **The update statistics request successfully processed.**

Severity: 0

Problem Determination: PERFORM UPDATE

STATISTICS was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM UPDATE STATISTICS command.

FF0529 **The update statistics request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM UPDATE STATISTICS was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during processing of the PERFORM UPDATE STATISTICS command. Examine the active log at the time the FF0529 message was generated for more details.

FF0530 **The remove statistics request successfully processed.**

Severity: 0

Problem Determination: PERFORM REMOVE STATISTICS was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM REMOVE STATISTICS command.

FF0531 **The remove statistics request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM REMOVE STATISTICS was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during processing of the PERFORM REMOVE STATISTICS command. Examine the active log at the time the FF0531 message was generated for more details.

FF0532 **Records were selected for the Management Report using the given selection criteria, but no data was written to the Query file.**

Severity: 0

Problem Determination: Either PERFORM TRADING

PARTNER PROFILE DATA EXTRACT or PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or PERFORM NETWORK ACTIVITY DATA EXTRACT or PERFORM TRANSACTION ACTIVITY DATA EXTRACT was issued from the Utility. The command completed successfully, but no records were written to the Query file. Either the data records requested do not exist or the user program filtered out all of the selected records.

User Response: This is a normal message indicating the successful completion of either the PERFORM TRADING PARTNER PROFILE DATA EXTRACT or the PERFORM TRADING PARTNER CAPABILITY DATA EXTRACT or the PERFORM NETWORK ACTIVITY DATA EXTRACT or the PERFORM TRANSACTION ACTIVITY DATA EXTRACT command. However, no records were written to the Query file.

FF0533 **The reset statistics request successfully processed.**

Severity: 0

Problem Determination: PERFORM RESET STATISTICS was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM RESET STATISTICS command.

FF0534 **The reset statistics request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM RESET STATISTICS was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during processing of the PERFORM RESET STATISTICS command. Examine the active log at the time the FF0534 message was generated for more details.

FF0535 **Process network acknowledgments DID NOT execute successfully.**

Severity: 8

Problem Determination: The PERFORM PROCESS NETWORK ACKS command did not execute successfully. Review the logged messages at the time of the FF0535 for more details.

User Response: Review the logged messages at the time of the FF0535 for necessary information.

FF0536 **The PERFORM RESTART SEND WHERE clause did not contain a MAILBOX or REQID and/or FILEID keyword. These two keywords are required for this command.**

Severity: 8

Problem Determination: MAILBOX or REQID and FILEID keywords are required on the PERFORM RESTART SEND command. One or both of these keywords was missing. The MAILBOX or REQID is the mailbox or requestor ID originally specified on the SEND that is being restarted. The FILEID references the same file as the original SEND.

User Response: Correct the errant WHERE clause by including a MAILBOX or REQID and FILEID keyword and re-execute the PERFORM RESTART SEND command.

FF0537 **The PERFORM RESTART RECEIVE WHERE clause did not contain a MAILBOX or REQID keyword. This keyword is required for this command.**

Severity: 8

Problem Determination: The MAILBOX or REQID keyword is required on the PERFORM RESTART RECEIVE command. These keywords were missing. The MAILBOX or REQID is the mailbox or requestor ID originally specified on the RECEIVE that is being restarted.

User Response: Correct the errant WHERE clause by including a MAILBOX or REQID keyword and re-execute the PERFORM RESTART RECEIVE command.

FF0538 **The Reset Network request processed successfully for mailbox (requestor) ID &1.**

Severity: 0

Problem Determination: The PERFORM RESET NETWORK command was issued from the Utility. The command completed successfully for the specified requestor.

User Response: This is a normal message indicating the successful completion of the PERFORM RESET NETWORK command for a specific requestor.

FF0539 **The Reset Network request successfully processed.**

Severity: 0

Problem Determination: The PERFORM RESET NETWORK command was issued from the Utility. The command completed successfully.

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User Response: This is a normal message indicating the successful completion of the PERFORM RESET NETWORK command.

FF0540 **The Reset Network request processed unsuccessfully. See the associated errors logged at the time of the FF0540 for more information.**

Severity: 8

Problem Determination: The PERFORM RESET NETWORK command was issued from the Utility. One or more errors were encountered in processing the command.

User Response: An error occurred processing the PERFORM RESET NETWORK command. Review the associated errors logged at the time of the FF0540 for more information.

FF0541 **The PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command successfully processed.**

Severity: 0

Problem Determination: THE PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command.

FF0542 **The PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command processed unsuccessfully. See the associated errors logged at the time of the FF0542 for more information. &1 &2 &3 pppppp.**

Severity: 8

Problem Determination: The PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command was issued from the Utility. One or more errors were encountered in processing the command. The return code and extended return code provided in the message are the reconstruct service (EDIFF06) return code and extended return code.

User Response: An error occurred processing the PERFORM RECONSTRUCT or PERFORM RECONSTRUCT AND SEND command. Review the associated errors logged at the time of the FF0542 for more information.

FF0543 **The continuous receive request successfully processed.**

Severity: 0

Problem Determination: Either PERFORM START CONTINUOUS RECEIVE or PERFORM STOP CONTINUOUS RECEIVE was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of either the PERFORM START CONTINUOUS RECEIVE or the PERFORM STOP CONTINUOUS RECEIVE command.

FF0544 **The continuous receive request processed unsuccessfully. See messages in the associated log for more details.**

Severity: 8

Problem Determination: Either PERFORM START CONTINUOUS RECEIVE or PERFORM STOP CONTINUOUS RECEIVE was issued from the Utility. The command did not complete successfully.

User Response: See messages in the associated log for details.

FF0545 **The delete profile request successfully processed.**

Severity: 0

Problem Determination: PERFORM DELETE PROFILE was issued from the Utility. The command completed successfully and the corresponding members were deleted from their profiles.

User Response: This is a normal message indicating the successful completion of the PERFORM DELETE PROFILE command.

FF0546 **The delete profile request processed unsuccessfully. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM DELETE PROFILE was issued from the Utility. The command did not complete successfully. Members corresponding to the errors were not deleted from their profiles.

User Response: See messages in the associated log for details.

FF0547 **The query profile request successfully processed.**

Severity: 0

Problem Determination: PERFORM QUERY PROFILE was issued from the Utility. The command completed

successfully and the corresponding members were written to the output file.

User Response: This is a normal message indicating the successful completion of the PERFORM QUERY PROFILE command.

FF0548 **The query profile request processed unsuccessfully. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM QUERY PROFILE was issued from the Utility. The command did not complete successfully. Members corresponding to the errors were not written to the output file.

User Response: See messages in the associated log for details.

FF0549 **The report continuous receive status request successfully processed.**

Severity: 0

Problem Determination: PERFORM REPORT CONTINUOUS RECEIVE STATUS was issued from the Utility. The command completed successfully. Status records were written to the output file.

User Response: This is a normal message indicating the successful completion of the PERFORM REPORT CONTINUOUS RECEIVE STATUS command.

FF0550 **The report continuous receive status request processed unsuccessfully. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM REPORT CONTINUOUS RECEIVE STATUS was issued from the Utility. The command did not complete successfully.

User Response: See messages in the associated log for details.

FF0560 **The SAP Status Extract request processed successfully.**

Severity: 0

Problem Determination: PERFORM SAP STATUS EXTRACT was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM SAP STATUS EXTRACT command.

FF0561 **No records were selected for SAP Status Extract processing.**

Severity: 4

Problem Determination: PERFORM SAP STATUS EXTRACT was issued from the Utility. No records were selected that matched the selection criteria.

User Response: This is a normal message indicating that no records were selected for the PERFORM SAP STATUS EXTRACT command. No records were written to the SAP output file.

FF0562 **The SAP Status Extract request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM SAP STATUS EXTRACT was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during processing of the PERFORM SAP STATUS EXTRACT command. Examine the active log at the time the FF0562 message was generated for more details.

FF0563 **The SAP Status Remove request processed successfully.**

Severity: 0

Problem Determination: PERFORM SAP STATUS REMOVE was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM SAP STATUS REMOVE command.

FF0564 **The SAP Status Remove request processed unsuccessfully, return code = &1 and extended return code = &2. See messages in the associated log for more details.**

Severity: 8

Problem Determination: PERFORM SAP STATUS REMOVE was issued from the Utility. The command did not complete successfully. See the active log for a more detailed explanation.

User Response: An error occurred during processing of the PERFORM SAP STATUS REMOVE command. Examine the active log at the time the FF0564 message was generated for more details.

FF Messages

FF0565 **A virtual array error occurred during SAP status processing.**

Severity: 8

Problem Determination: The virtual array manager encountered an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0566 **A data base error occurred during SAP status processing.**

Severity: 8

Problem Determination: An error occurred in the SAP Status Service on an attempt to access the SAP Status database (EDIVSSTK).

User Response: If you can not resolve this problem, call your support center.

FF0567 **A look-aside buffer error occurred during SAP status processing.**

Severity: 8

Problem Determination: The look-aside buffer manager encountered an unexpected error. This is due to either an out of storage condition or a program logic error.

User Response: Attempt to execute again. If this is a recurring error, contact your support center.

FF0568 **An error occurred while locking TSLT during SAP processing.**

Severity: 8

Problem Determination: An error occurred in the SAP Status Service on an attempt to lock TSLT for database updates.

User Response: If you can not resolve this problem, call your support center.

FF0569 **An error occurred while locking SAP database during SAP processing.**

Severity: 8

Problem Determination: An error occurred in the SAP Status Service on an attempt to lock the SAP database for database updates.

User Response: If you can not resolve this problem, call your support center.

FF0570 **The SAP Status Extract records are truncated in the output file.**

Severity: 4

Problem Determination: The record length of the SAP outfile file was smaller than the size of the SAP status record and the records were truncated when written to the file.

User Response: Reallocate the output file to have a record length that is at least as large as the SAP status record. Refer to SAP documentation for the size of the SAP status record.

FF0571 **The envelope request processed unsuccessfully. See messages in the associated log for more details.**

Severity: 8

Problem Determination: Either the PERFORM ENVELOPE, PERFORM REENVELOPE, PERFORM ENVELOPE AND SEND, or PERFORM REENVELOPE AND SEND Utility command was issued. The command did not complete successfully.

User Response: See messages in the associated log for details.

FF0572 **The remove log entries request successfully processed.**

Severity: 0

Problem Determination: PERFORM REMOVE LOG ENTRIES was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM REMOVE LOG ENTRIES command.

FF0573 **The remove log entries request processed unsuccessfully. With the DB2 version of , there may be additional messages logged concerning the error.**

Severity: 8

Problem Determination: PERFORM REMOVE LOG ENTRIES was issued from the Utility. The command did not complete successfully.

User Response: With the DB2 version of , there may be additional messages logged concerning the error. Otherwise, make sure the command syntax is correct. The APPLID keyword is required in each WHERE clause.

FF0574 **The load log entries request successfully processed.**

Severity: 0

Problem Determination: PERFORM LOAD LOG ENTRIES was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM LOAD LOG ENTRIES command.

FF0575 **The load log entries request processed unsuccessfully. See corresponding messages for additional information.**

Severity: 8

Problem Determination: PERFORM LOAD LOG ENTRIES was issued from the Utility. The command did not complete successfully.

User Response: See the messages logged by the Event Log Archive Service for more detailed information.

FF0576 **The unload log entries request successfully processed.**

Severity: 0

Problem Determination: PERFORM UNLOAD LOG ENTRIES was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM UNLOAD LOG ENTRIES command.

FF0577 **The unload log entries request processed unsuccessfully. See corresponding messages for additional information.**

Severity: 8

Problem Determination: PERFORM UNLOAD LOG ENTRIES was issued from the Utility. The command did not complete successfully.

User Response: See the messages logged by the Event Log Archive Service for more detailed information.

FF0579 **XML processing was unsuccessful. Please view the XML error file (XMLERR) for specific messages.**

Severity: 8

Problem Determination: Errors were issued by the XML processor. Please view the XML error file (XMLERR) for specific messages.

User Response: XML processing was unsuccessful.

Please view the XML error file (XMLERR) for specific messages.

FF0583 **The PERFORM TRANSFORM command did not complete successfully. There was an error &1. The return code was &2 and the extended return code was &3.**

Severity: 12

Problem Determination: PERFORM TRANSFORM was issued from the Utility. The transformation did not complete successfully.

User Response: Inspect the message text and look up the appropriate return code. Correct the problem and rerun the transformation. If you are unable to resolve the problem, consult your support center.

FF0584 **The PERFORM TRANSFORM command completed with a severity code of &1. See associated messages to determine the acceptability of the transformation. Number of messages processed: &2.**

Severity: 8

Problem Determination: PERFORM TRANSFORM was issued from the Utility. The transformation completed with a non-zero severity code. The transformation may or may not have resulted in acceptable output.

User Response: See messages in the associated log and/or print file to determine the acceptability of the transformation. Generally, a severity code greater than 4 indicates a critical error.

FF0585 **The PERFORM TRANSFORM command completed successfully. Number of messages processed: &1.**

Severity: 0

Problem Determination: PERFORM TRANSFORM was issued from the Utility. The command completed successfully.

User Response: This is a normal message indicating the successful completion of the PERFORM TRANSFORM command.

FF0588 **Command: xxx...x.**

Severity: 0

Problem Determination: The Utility was invoked to parse and process the PERFORM statement noted in the argument of the message. This message may be truncated on some platforms resulting in multiple messages.

FF Messages

User Response: The message is displayed for information only. No action is required.

FF0589 **New file created logical name xxxxxxxx physical name yyyy...y.**

Severity: 0

Problem Determination: A new file was created because no physical file was associated with the logical file name.

FF0590 **APP file could not be deleted. RC = xxxxxxxx ERC = yyyyyyyy.**

Severity: 4

Problem Determination: Temporary ADF file deletion failed.

FF0591 **A usage has been successfully deleted. TPTID = &1, TPNICKN = &2.**

Severity: 4

Problem Determination: A PERFORM DELETE USAGE command has been entered. The given usage has been successfully deleted.

User Response: This is a normal message indicating the deletion of the given usage.

FF0592 **The delete usage request successfully processed.**

Severity: 0

Problem Determination: A PERFORM DELETE USAGE command was entered. The command completed successfully, and the corresponding usages were deleted.

User Response: This is a normal message indicating the successful completion of the PERFORM DELETE USAGE command.

FF0593 **The delete usage request processed unsuccessfully.**

Severity: 8

Problem Determination: A PERFORM DELETE USAGE command was entered. The command did not complete successfully. The corresponding usages were not deleted.

User Response: See messages in the associated log for details.

FF0594 **The user is not authorized to perform the command entered.**

Severity: 8

Problem Determination: A PERFORM command has been entered. The user does not have the proper authority to enter this command.

User Response: Obtain the proper authority and try to run the command again.

FF0595 **A PERFORM DELETE USAGE command was entered for a usage that does not exist.**

Severity: 8

Problem Determination: A PERFORM DELETE USAGE command was entered, but the specified usage record was not found.

User Response: Verify the parameters on the command. If necessary, correct and reenter the command.

FF0596 **Data Interchange encountered an error in Repository Services. Repository Services return code = &1. Repository Services extended return code = &2.**

Severity: 8

Problem Determination: The Data Interchange Utility encountered an error in Repository Services.

User Response: Examine the return codes in the message against return codes in this manual in the Repository Services section for more details. Also examine any related error messages in the appropriate log.

FF0597 **All usages for the given Trading Partner Transaction Id have been successfully deleted. TPTID = &1.**

Severity: 4

Problem Determination: A PERFORM DELETE USAGE command has been entered. The given usages have been successfully deleted.

User Response: This is a normal message indicating the deletion of the given usages.

FF0601 **An error occurred selecting the transactions within the interchange.**

Severity: 12

Problem Determination: An error was returned attempting to select all of the transactions within a interchange during an attempt to reconstruct the interchange. There should be an error previous to this one in the log indicating the type of error that

occurred. The symptom string for this error also indicates the error code returned by the selection service.

User Response:

- Attempt to resolve any data base errors that may have occurred.
- Call your support center with all the information in the symptom string.

FF0602 An error occurred retrieving details about a transaction.

Severity: 12

Problem Determination: An error was returned attempting to retrieve detail information about a transaction within a interchange during an attempt to reconstruct the interchange. There should be an error previous to this one in the log indicating the type of error that occurred. The symptom string for this error also indicates the error code returned by the retrieval service.

User Response:

- Attempt to resolve any data base errors that may have occurred.
- Call your support center with all the information in the symptom string.

FF0603 An error was returned on request to write an interchange.

Severity: 12

Problem Determination: An error was returned attempting to write an interchange. There should be an error previous to this one in the log indicating the type of error that occurred. The symptom string for this error also indicates the error code returned by the queuing service.

User Response:

- Check the log for any associated error messages for more information
- Call your support center with all the information in the symptom string.

FF0604 Insufficient virtual storage to complete a request to reconstruct an interchange.

Severity: 12

Problem Determination: An error occurred getting virtual storage for reconstructing the interchange.

User Response:

- Increase the virtual storage available to your process
- Call your support center with all the information in the symptom string.

FF0605 There are no transactions in the interchange.

Severity: 12

Problem Determination: There were no transactions in the interchange for which a reconstruction request was received.

User Response:

- Attempt to resolve any data base errors that may have occurred.
- Use the 'Transactions' action to see if transactions do exist for the interchange.
- Call your support center with all the information in the symptom string.

FF0606 In order to reconstruct an interchange the trading partner nickname (TPNICKN), interchange receiver ID (INTRECID), interchange control number (INTCTLNO) and the direction (DIR) must be provided.

Severity: 12

Problem Determination: Correct the PERFORM request so that all necessary information is provided.

User Response:

- Provide the necessary parameters in the PERFORM request. string.

FF0607 An error occurred reading trading partner profile member &1.

Severity: 12

Problem Determination: An error was returned attempting to select all of the transactions within a interchange during an attempt to reconstruct the interchange. There should be an error previous to this one in the log indicating the type of error that occurred. The symptom string for this error also indicates the error code returned by the selection service.

User Response:

- Attempt to resolve any data base errors that may have occurred.
- Call your support center with all the information in the symptom string.

FF0608 An attempt to read data format control string &1 failed. The repository return code was &2 and extended return code was &3.

Severity: 8

Problem Determination: An error occurred reading the data format control string shown. The transformation did not complete successfully.

FF Messages

User Response: Lookup the return code/extended return code combination in the "Repository Services" section of the Messages And Codes manual and take appropriate action. If the control string name was correct and it was not found, it may be that the control string simply needs to be generated.

FF0609 **An error occurred reading a data format control string into virtual array storage. The data format control string was &1.**

Severity: 8

Problem Determination: While reading a data format control string an error occurred accessing virtual array storage. The virtual array function was either valloc or varep. This error normally means that your region was out of virtual storage. The transformation did not complete successfully.

User Response: Increase the region size and rerun the transformation. If the problem persists, consult your support center.

FF0610 **A request for main storage failed. The Getmain return code was &1 and extended return code was &2.**

Severity: 8

Problem Determination: A GETMAIN request failed, indicating the region was out of virtual storage. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "Service Director Environmental Services - Getmain Service Return Codes" section of the Messages And Codes manual and take appropriate action.

FF0611 **There was an error opening file &1. The QSAM Handler return code was &2 and extended return code was &3.**

Severity: 8

Problem Determination: An error occurred opening a file. The transformation did not complete successfully.

User Response: Make sure that the file exists and that its type is correct. The default file type in MVS is that the file name is the ddname of a sequential file. The default file type in CICS is TS (temporary storage queue). Refer to the "QSAM Handler" section of the Messages And Codes manual for more information and direction.

FF0612 **There was an error reading file &1. The QSAM Handler return code was &2 and extended return code was &3.**

Severity: 8

Problem Determination: An error occurred reading a

file. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "QSAM Handler" section of the Messages And Codes manual and take appropriate action.

FF0613 **An attempt to read a DTD or Schema using Root element &1 failed. The repository return code was &2 and extended return code was &3.**

Severity: 8

Problem Determination: An error occurred reading the XML DTD or Schema using the root element shown. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "Repository Services" section of the DataInterchange Messages And Codes manual and take appropriate action. If the root element name was correct and it was not found, it may be that the DTD or Schema simply needs to be defined to the data base being used or the Root Element field in the DTD or Schema definition was not specified. Alternatives are to specify DICTIONARY(), DOCUMENT(), or XMLSPLIT(N) keywords on the PERFORM command.

FF0614 **Multiple DTD or Schema definitions found using Root element &1. The repository return code was &2 and extended return code was &3.**

Severity: 8

Problem Determination: An error occurred reading the XML DTD or Schema using the root element shown. The transformation did not complete successfully.

User Response: Lookup the return code/extended return code combination in the "Repository Services" section of the DataInterchange Messages And Codes manual and take appropriate action. If multiple DTDs and Schemas contain the same Root element, then the DICTIONARY() and DOCUMENT() keywords may be specified on the PERFORM command to identify the Document being used. An alternative is to specify the XMLSPLIT(N) keyword on the PERFORM command.

FF0980 **Your utility request was not successful. Condition Code = &1**

Explanation: The utility service returned a non-zero condition code. Refer to the audit print file and the Messages and Codes manual for more information.

Severity: 8

FF0981 **There are no active command statements to process**

Explanation: All command statements are either blank or have an asterisk (*) in the first column. Enter a command statement or remove the asterisk from the desired command statements and retry the request.

Severity: 4

FF0982 **The entry contains one or more embedded blanks**

Explanation: Type the entry again removing the embedded blanks. Then press Enter.

Severity: 8

FF0990 **Error displaying next panel**

Explanation: View the error log to determine the exact nature of any problems encountered.

Severity: 8

FF0991 **Unable to allocate this dataset**

Explanation: There was a system failure in the attempt to allocate the dataset. The specified dataset may not exist. Ensure that the name was entered correctly. If the file exists and is not already allocated and this problem persists, call your system support representative.

Severity: 8

Problem Determination: A call to the QSAM File Handler resulted in an error while attempting to allocate the specified dataset to the specified DDname. One possible cause of this error is that the dataset does not exist or that the name was entered incorrectly.

User Response: Ensure that the name was entered correctly. Verify that the file exists and is not already allocated. If this problem persists, call your system support representative.

FF0992 **An error occurred allocating or processing internal storage.**

Severity: 8

Problem Determination: Internal storage processing in the module named in the symptom string (MODULE) resulted in an error. For virtual array errors, the function code is meaningless. For allocation errors, the function code identifies which type of failure.

User Response:

- Call your support center with all the information in the symptom string.

FF0998 **An internal error occurred -- see error log**

Explanation: View the error log to determine the exact nature of any problems encountered and notify your system administrator.

Severity: 8

FM Messages

FM0100 **Unformat Tagged Data error. End of record reached while tags exist.**

Explanation: View the event log to determine the nature of the problem encountered.

Severity: 8

FM0101 **Unformat Delimited Record Error. EOR reached while fields exists.**

Explanation: View the event log to determine the nature of the problem encountered.

Severity: 8

FM0103 **Invalid record definition. Ptr to def. is null or can't be found.**

Explanation: View the event log to determine nature of problem encountered.

Severity: 8

FM0105 **Failure in allocating memory for Format Service handle.**

Explanation: View the event log to determine the nature of problem encountered.

Severity: 8

GB Messages

GB0001 An error occurred while attempting to open the Global Lookaside Buffer functional dataset. Return code = &1 and extended return code = &2. Contact your system administrator.

Severity: 4

Problem Determination: An error occurred while attempting to open the Global Lookaside Buffer functional dataset.

User Response: Contact your system administrator.

GB0002 An error occurred while attempting to read the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated. Return code = &1, Extended return code = &2. act your

Severity: 4

Problem Determination: An error occurred while attempting to read the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated execution.

User Response: Contact your system administrator.

GB0003 An error occurred while attempting to update the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated. Return code = &1, Extended return code = &2. act your

Severity: 4

Problem Determination: An error occurred while attempting to update the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated execution.

User Response: Contact your system administrator.

GB0004 An error occurred while attempting to close the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated. Return code = &1, Extended return code = &2. act your

Severity: 4

Problem Determination: An error occurred while attempting to close the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated execution.

User Response: Contact your system administrator.

GB0031 The user application specified an invalid record type. Return code = &1 and extended return code = &2. The record type passed was &3

Severity: 8

Problem Determination: The record type specified by the user application was either zero or greater than &rtnum; The dump function was not performed. Check the record types that the application is using.

User Response: Contact your system administrator.

GB0032 The user application specified an unsupported record type. Return code = &1 and extended return code = &2. The record type passed was &3

Severity: 8

Problem Determination: The user application specified a record type that is not currently supported by the Global Lookaside Buffer. The dump function was not performed.

User Response: Contact your system administrator.

GB0041 An error occurred while attempting to open the Global Lookaside Buffer functional dataset. Return code = &1, Extended return code = &2. act your

Severity: 14

Problem Determination: An error occurred while attempting to open the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated execution and is not available.

User Response: Contact your system administrator.

GB0042 An error occurred while attempting to read the Global Lookaside Buffer functional dataset. Return code = &1, Extended return code = &2. act your

Severity: 12

Problem Determination: An error occurred while attempting to read the Global Lookaside Buffer functional dataset. The Global Lookaside Buffer has terminated execution and is not available.

User Response: Contact your system administrator.

GB Messages

GB0043 **The Global Lookaside Buffer was passed an unknown function code. Return code = &1 and extended return code = &2. The function code passed was &3. Contact your system administrator.**

Severity: 8

Problem Determination: The Global Lookaside Buffer was passed an unknown function code. This error should not occur.

User Response: Contact your system administrator.

GB0044 **The Global Lookaside Buffer is being compressed.**

Severity: 4

Problem Determination: This is an informational message.

User Response: The maximum size of the data space should be increased.

GB0045 **The Global Lookaside Buffer data table is being compressed. This is an informational message.**

Severity: 4

Problem Determination: This is an informational message. It can indicate that the maximum size of the data space should be increased. This message only occurs when the data table is out of space and a significant number of data records have been deleted.

User Response: The maximum size of the data space should be increased.

GB0047 **The Global Lookaside Buffer was unable to expand the required data space. Return code = &1, Extended return code = &2. Macro = &3, Macro Return code = pppppppp.**

Severity: 4

Problem Determination: The Global Lookaside Buffer was unable to expand the required data space. The data space may be compressed instead.

GB0048 **The Global Lookaside Buffer was passed an function code on the wrong queue. Return code = &1 and extended return code = &2. The function code passed was &3. Contact your system administrator.**

Severity: 8

Problem Determination: The Global Lookaside Buffer was passed an function code on the regular PCB queue

when it should have been passed on the PCB update queue. This error should not occur.

User Response: Contact your system administrator.

GB0049 **A child subtask created by the Global Lookaside Buffer has ended unexpectedly. Return code = &1 and extended return code = &2. The MVS post code returned was &3. Contact your system administrator.**

Severity: 8

Problem Determination: A child subtask created by the Global Lookaside Buffer has ended unexpectedly. and the GLB continue to function.

User Response: Contact your system administrator.

GB0061 **The Global Lookaside Buffer encountered an error while attempting to release temporary storage used for initializaton. Return code = &1 Extended ,return code = &2. Macro = &3, Macro return code = pppppppp.**

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to release temporary storage used for initializaton.

User Response: Contact your systems administrator.

GB0062 **The Global Lookaside Buffer encountered an error while attempting to ATTACH a GLB subtask. Return code = &1 Extended return code = &2. Macro = &3, Macro return code = pppppppp, Subtask number = qq.**

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to ATTACH a GLB subtask. No further GLB subtasks will be created. The GLB has been initialized and is available for use.

User Response: Contact your systems administrator.

GB0063 **An additional Global Lookaside Buffer subtask did not complete its initialization successfully. Return code = &1, Extended return code = &2. Mvs Post Code = &3, Subtask number = pp. qq.**

Severity: 4

Problem Determination: An additional Global Lookaside Buffer subtask did not complete its initialization successfully. No further &GLB; subtasks will be created. The &GLB; has been initialized and one

or more subtasks are available for use.

User Response: Contact your systems administrator.

GB0064 **The Global Lookaside Buffer subtask was unable to load its initialization module. Return code = &1, Extended return code = &2. Macro = &3, Abend code = pppppppp Reason Code = qqqqqqqq.**

Severity: 4

Problem Determination: The Global Lookaside Buffer subtask was unable to load its initialization module. No further GLB subtasks will be created. The GLB has been initialized and is available for use.

User Response: Contact your systems administrator.

GB0065 **The Global Lookaside Buffer subtask was unable to obtain working storage. Return code = &1 Extended ,return code = &2. Macro = &3, Macro return code = pppppppp, Subtask number = qq.**

Severity: 4

Problem Determination: The Global Lookaside Buffer subtask was unable to obtain working storage. No further GLB subsasks will be created. The GLB has been initialized and is available for use.

User Response: Contact your systems administrator.

GB0066 **The Global Lookaside Buffer subtask was unable to obtain acquire shared access to the GLB termination resource. Return code = &1 Extended ,return code = &2. Macro = &3, Macro return code = pp, Subtask number = qq.**

Severity: 4

Problem Determination: The Global Lookaside Buffer subtask was unable to obtain acquire shared access to the GLB termination resource. No further GLB subsasks will be created. The GLB has been initialized and is available for use.

User Response: Contact your systems administrator.

GB0071 **The Global Lookaside Buffer was unable to obtain working storage. Return code = &1 Extended ,return code = &2. Macro = &3, Macro return code = pppppppp, Subtask number = qq.**

Severity: 12

Problem Determination: The Global Lookaside Buffer was unable to obtain working storage. The GLB was not initialized and is not available for use.

User Response: Contact your systems administrator.

GB0072 **The Global Lookaside Buffer was unable to obtain temporary storage. Return code = &1 Extended ,return code = &2. Macro = &3, Macro return code = pppppppp**

Severity: 12

Problem Determination: The Global Lookaside Buffer was unable to obtain temporary storage. The GLB was not initialized and is not available for use.

User Response: Contact your systems administrator.

GB0073 **The Global Lookaside Buffer was not initialized because No record types were defined to the GLB. Return code = &1 Extended,return code = &2.**

Severity: 4

Problem Determination: The Global Lookaside Buffer was not initialized because No record types were defined to the GLB. The GLB was not initialized and is not available for use.

User Response: Contact your systems administrator.

GB0074 **An invalid function was specified on initialization. Return code = &1, Extended return code = &2.**

Severity: 12

Problem Determination: An invalid function was specified on initialization. This error occurs when the terminate function is specified on initialization. The GLB was not initialized and is not available for use.

User Response: Specify a valid function.

GB0075 **An invalid record key length was specified. Return code = &1, Extended return code = &2.**

Severity: 12

Problem Determination: An invalid record key length was specified. The key lenght specified for a record type was either zero or greater than 255. The GLB was not initialized and is not available for use. for use.

User Response: Specify a valid record key length.

GB0078 **The Global Lookaside Buffer is unable to load the initialization module. Return code = &1, Extended return code = &2. Macro = &3, Abend code = pppppppp, Reason Code = qqqqqqqq.**

Severity: 12

Problem Determination: The Global Lookaside Buffer is unable to load the initialization module. The GLB has not been initialized and is unavailable for use.

GB Messages

User Response: Contact your systems administrator.

GB0082 **The Global Lookaside Buffer detected that the defined data space was not large enough. Return code = &1**
Extended return code = &2. Min DS size = &3

Severity: 12

Problem Determination: It was determined by the GLB that the minimum data space size needed to effectively operate was greater than the maximum data space size allowed as defined in the functional dataset. The minimum data size is based on statistics from prior GLB sessions. The BLB was not initialized and is not available for work.

User Response: Define the required data space size.

User Response: Define the required data space size.

GB0083 **The Global Lookaside Buffer was unable to obtain the required data space. Return code = &1, Extended return code = &2. Macro = &3, Macro Return code = pppppppp, Reason Code = qqqqqqqq.**

Severity: 12

Problem Determination: The Global Lookaside Buffer was unable to obtain the required data space. The GLB has not been initialized and is unavailable for use.

User Response: Contact your systems administrator.

GB0084 **The Global Lookaside Buffer was unable to access the required data space. Return code = &1, Extended return code = &2. Macro = &3, Macro Return code = pppppppp.**

Severity: 12

Problem Determination: The Global Lookaside Buffer was unable to access the required data space. The GLB has not been initialized and is unavailable for use.

User Response: Contact your systems administrator.

GB0121 **The Global Lookaside Buffer was passed an unknown function code. Return code = &1 and extended return code = &2. The function code passed was &3. Contact your system administrator.**

Severity: 8

Problem Determination: The Global Lookaside Buffer was passed an unknown function code. This error should not occur.

User Response: Contact your system administrator.

GB0141 **The Global Lookaside Buffer's dump dataset failed to close successfully. Dump was performed with return code = &1 and extended return code = &2. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer's dump dataset failed to close successfully. Dump was performed , but the status of the dump dataset is unknown.

User Response: Contact your system administrator.

GB0151 **The Global Lookaside Buffer detected that an invalid level was specified. Return code = &1 and extended return code = &2. The level code passed was &3.**

Severity: 8

Problem Determination: The Global Lookaside Buffer detected that an invalid dump level was specified. The dump function was not performed.

User Response: Contact your system administrator.

GB0152 **The Global Lookaside Buffer encountered an error while attempting to load the dump module. Return code = &1 and extended return code = &2. The function code passed was &3.**

Severity: 8

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to load the dump module.

User Response: Contact your system administrator.

GB0153 **The Global Lookaside Buffer's dump data set failed to open successfully. Return code = &1 and extended return code = &2. Contact your system administrator.**

Severity: 8

Problem Determination: The Global Lookaside Buffer's dump data set failed to open successfully. Return code = &1; and extended

User Response: Contact your system administrator.

GB0155 **The Global Lookaside Buffer encountered an error while writing to the dump data set. Return code = &1 and extended return code = &2.**

Severity: 8

Problem Determination: The Global Lookaside Buffer

encountered an error while writing to the dump data set.

User Response: Contact your system administrator.

GB0156 **The Global Lookaside Buffer encountered an error while attempting to get working storage for the dump function. Return code = &1 and extended return code = &2 The Macro code passed was = &3 and the Macro return code = pppppppp.**

Severity: 8

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to get working storage for the dump function.

User Response: Contact your system administrator.

GB0161 **The Global Lookaside Buffer trace end failed to close the trace dataset successfully. Return code = &1 and extended return code = &2. act your**

Severity: 4

Problem Determination: The Global Lookaside Buffer trace end failed to close the trace dataset successfully. Tracing was still ended. The status of the trace dataset is unknown.

User Response: Contact your system administrator.

GB0162 **The Global Lookaside Buffer received an error while attempting to release storage used by the tracing module. Return code = &1 and extended return code = &2. The macro = &3, macro return code = pppppppp. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer received an error while attempting to release storage used by the racing module.

User Response: Contact your system administrator.

GB0163 **The Global Lookaside Buffer's tracing failed to write the trace record successfully. Tracing has been ended. Return code = &1,extended return code = &2. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer's tracing failed to write the trace record successfully. Tracing will be ended.

User Response: Contact your system administrator.

GB0164 **The Global Lookaside Buffer Tracing failed to to write out the trace record successfully. Tracing has ended. Return code = &1 and extended return code = &2. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer Tracing failed to write out the trace record successfully. This error should not occur.

User Response: Contact your system administrator.

GB0165 **The Global Lookaside Buffer trace function abended. Return code = &1 and extended return code = &2. MVS post code = &3. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer trace function abnormally terminated. Review the MVS Post code and system log. The GLB continues to function normally.

User Response: Contact your system administrator.

GB0171 **The Global Lookaside Buffer Trace start failed to open the trace dataset successfully. Tracing was not activated. Return code = &1 and extended return code = &2. code = &3. The function code passed was pppppppp. Contact your system administrator.**

Severity: 8

Problem Determination: The Global Lookaside Buffer Trace start failed to open the trace dataset successfully. Tracing was not activated. This error should not occur.

User Response: Contact your system administrator.

GB0172 **The Global Lookaside Buffer detected an invalid trace level that was specified in the trace start request. You must specify a valid trace level of 1, 2 or 3. Return code = &1 ,extended return code = &2. The level code passed was &3.**

Severity: 8

Problem Determination: The Global Lookaside Buffer detected an invalid trace level that was specified in the trace start request. You must enter a valid trace level and issue the request again. Valid levels are 1, 2 and 3.

User Response: Contact your system administrator.

GB Messages

GB0173 The Global Lookaside Buffer failed to close the trace dataset successfully. Tracing has ended with return code = &1 and extended return code = &2. Contact your system administrator.

Severity: 8

Problem Determination: The Global Lookaside Buffer failed to close the trace dataset successfully. This error should not occur. Please contact your system administrator.

User Response: Contact your system administrator.

GB0174 The Global Lookaside Buffer failed to open the trace dataset successfully. Tracing has ended with return code = &1 and extended return code = &2. Contact your system administrator.

Severity: 8

Problem Determination: The Global Lookaside Buffer failed to open the trace dataset successfully. This error should not occur. Please contact your system administrator.

User Response: Contact your system administrator.

GB0175 The Global Lookaside Buffer trace is not on. Return code = &1 and extended return code = &2.

Severity: 8

Problem Determination: The Global Lookaside Buffer trace is not on. This occurs when a trace end request is received but trace is currently not on. No action is taken and the trace function will remain off.

User Response: Contact your system administrator.

GB0177 The Global Lookaside Buffer encountered an error while attempting to ATTACH the GLB trace subtask. Return code = &1 Extended return code = &2. Macro = &3, Macro return code = pppppppp.

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to ATTACH the GLB trace subtask. Tracing was not started. The GLB continues to function normally.

User Response: Contact your systems administrator.

GB0181 The Global Lookaside Buffer encountered an error while attempting to obtain temporary storage. Return code = &1 and extended return code = &2. Macro = &3, Macro return code = pppppppp. Contact your system administrator.

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to obtain temporary storage. The GLB has terminated, but the functional dataset could not be updated.

User Response: Contact your system administrator.

GB0182 The Global Lookaside Buffer encountered an error while attempting to release temporary storage. Return code = &1 and extended return code = &2. Macro = &3, Macro return code = pppppppp. Contact your system administrator.

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to release temporary storage. The GLB has terminated, but the functional dataset could not be updated.

User Response: Contact your system administrator.

GB0183 The Global Lookaside Buffer encountered an error while attempting to release working storage. Return code = &1 and extended return code = &2. Macro = &3, Macro return code = pppppppp. Contact your system administrator.

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to release working storage. The GLB has terminated.

User Response: Contact your system administrator.

GB0186 The Global Lookaside Buffer encountered an error while attempting to load the termination module. Return code = &1 and extended return code = &2. Macro = &3, Abend Code = pppppppp, Reason Code = qqqqqqqq. Contact your system administrator.

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to load the termination module. The &GLB; has terminated.

User Response: Contact your system administrator.

GB0187 **The Global Lookaside Buffer encountered an error while attempting to release temporary storage. Return code = &1 and extended return code = &2. Macro = &3, Macro return code = ppppppppp , Subtask number = qq. Contact your system administrator.**

Severity: 4

Problem Determination: The Global Lookaside Buffer encountered an error while attempting to release temporary storage. The GLB has terminated.

User Response: Contact your system administrator.

GB0201 **The Global Lookaside Buffer transaction (EDIG) encountered an error trying to read the SYSPROF profile member corresponding to the CICS's APPLID. This could be a normal message and may be informational only.**

Severity: 4

Problem Determination: If the CICS region is ESA and there is not a SYSPROF profile member defined for the region (as might be the case if the Global Lookaside Buffer option is not being used), this message would be logged as informational only. If the Global Lookaside Buffer is being used, this message indicates a problem reading the SYSPROF profile record.

User Response: If the Global Lookaside Buffer is not being used, ignore this message. Otherwise, lookup the Profile Service error that was logged previous to this one and take appropriate action.

GB0202 **encountered an error trying to ATTACH the Global Lookaside Buffer subtask. Contact your system administrator.**

Severity: 4

Problem Determination: The MVS ATTACH failed in module EDIGBTK during Global Lookaside Buffer initialization. The Global Lookaside Buffer did not initialize. However, will continue to function properly.

User Response: Contact your system administrator.

GB0203 **The Global Lookaside Buffer subtask has either not initialized or has terminated.**

Severity: 4

Problem Determination: module EDIGBTK has detected that MVS posted the Global Lookaside Buffer subtask ECB indicating the subtask has either not initialized or has terminated. should continue to function properly.

User Response: Contact your system administrator.

GB0204 **The Global Lookaside Buffer terminated. Normal database access has resumed. Return code = &1 and extended return code = &2.**

Severity: 8

Problem Determination: The Global Lookaside Buffer terminated. The Global Lookaside Buffer service detected that MVS has posted the Global Lookaside Buffer subtask ECB.

User Response: Normal database access has resumed. Contact your system administrator.

GB0205 **The Global Lookaside Buffer service encountered an error accessing the timestamp record in the PROFDAT file. Profile services returned a return code = &1 and an extended return code = &2.**

Severity: 4

Problem Determination: The Global Lookaside Buffer service encountered an error either in reading or in updating the GLB timestamp record in the PROFDAT file. The record was not updated.

User Response: Look up the profile services return codes from the message in this manual and contact your system administrator.

GB0206 **The Global Lookaside Buffer service encountered an error retrieving the current date and time. Environmental services returned a return code = &1 and an extended return code = &2.**

Severity: 4

Problem Determination: The Global Lookaside Buffer service encountered an error retrieving the current date and time. The GLB timestamp PROFDAT record was not updated.

User Response: Look up the environmental services return codes from the message in this manual and contact your system administrator.

GB0207 **The DataInterchange Global Lookaside Buffer service encountered an error creating the GLB transfer area. There was an error allocating or freeing memory. The environmental services returned a return code = &1 and an extended return code = &2.**

Severity: 4

Problem Determination: The DataInterchange Global Lookaside Buffer service encountered an error creating the GLB transfer area. There was an error allocating or

GB Messages

freeing memory. The GLB transfer area is used in buffering trading partner receive usages. The operation failed.

User Response: Look up the environmental services return codes from the message in this manual and contact your system administrator.

GB0208 **The Global Lookaside Buffer service encountered an error in transferring a trading partner receive usage. The operation failed.**

Severity: 4

Problem Determination: The Global Lookaside Buffer service encountered an error in transferring a trading partner receive usage. A virtual array copy or replace function was being performed. The operation failed.

User Response: Contact your system administrator.

GB0209 **The CICS environment is not ESA and therefore the Global Lookaside Buffer subtask has not been initialized. This is a normal message and informational only.**

Severity: 4

Problem Determination: The Global Lookaside Buffer initialization transaction (EDIG) has determined that the CICS environment is not ESA. This message is informational only.

User Response: None.

GB0210 **The SYSPROF member associated with the CICS region is not active, therefore the Global Lookaside Buffer subtask has not been initialized. This is a normal message and informational only.**

Severity: 4

Problem Determination: The Global Lookaside Buffer initialization transaction (EDIG) has determined that the associated SYSPROF profile member is not active. This message is informational only.

User Response: Activate the appropriate SYSPROF member, if the Global Lookaside Buffer option is to be used. Otherwise, this message may be ignored.

GB0211 **The Global Lookaside Buffer transaction (EDIG) has encountered a cleared TCB address. The EDIG transaction has not been restarted because the Global Lookaside Buffer subtask has apparently terminated.**

Severity: 4

Problem Determination: The Global Lookaside Buffer

transaction (EDIG) has encountered a cleared TCB address. The EDIG transaction has not been restarted because the Global Lookaside Buffer subtask has apparently terminated. should continue to function properly.

User Response: If you wish to restart the Global Lookaside Buffer, make sure there is no other activity and enter the CICS transaction EDIT from a cleared CICS screen. The next transaction will automatically attempt to restart the Global Lookaside Buffer (assuming, of course, your CICS environment is ESA and you have an active SYSPROF profile member defined for the region).

GB0212 **The Global Lookaside Buffer transaction (EDIG) encountered an error trying to read the \$\$\$SYS profile member. The EDIG transaction has not been restarted.**

Severity: 4

Problem Determination: The Global Lookaside Buffer transaction (EDIG) encountered an error trying to read the \$\$\$SYS profile member. The EDIG transaction has not been restarted and administrative updates made outside the CICS region will not be shadowed over to the Global Lookaside buffer.

User Response: Lookup the Profile Service error that was logged previous to this one and take appropriate action. If unable to resolve, contact your system administrator. If the Profile Service error can be corrected, the Global Lookaside Buffer can be recycled by making sure there is not other activity and entering the CICS transaction EDIT from a cleared CICS screen.

GB0213 **The Global Lookaside Buffer subtask initialized unsuccessfully.**

Severity: 4

Problem Determination: The Global Lookaside Buffer subtask initialized unsuccessfully.

User Response: Contact your system administrator.

GB0214 **The Global Lookaside Buffer subtask initialized successfully.**

Severity: 4

Problem Determination: The Global Lookaside Buffer subtask initialized successfully. This message is informational only.

User Response: None.

GB0215 **The Global Lookaside Buffer transaction (EDIG) encountered an error invoking the Global Lookaside Buffer service. The EDIG transaction has not been restarted.**

Severity: 4

Problem Determination: The Global Lookaside Buffer transaction (EDIG) encountered an error invoking the Global Lookaside Buffer service. The EDIG transaction has not been restarted and administrative updates made outside the CICS region will not be shadowed over to the Global Lookaside buffer.

User Response: Lookup the Global Lookaside Buffer error that was logged previous to this one and take appropriate action. If unable to resolve, contact your system administrator. If the error can be corrected, the Global Lookaside Buffer can be recycled by making sure there is not other activity and entering the CICS transaction EDIT from a cleared CICS screen.

MB Messages

MB0001 **An unexpected return code of &1 was received. &2.**

Severity: 8

Problem Determination: The return code was not an expected result. This is typically due to an internal processing error. The error description provides additional information on the problem that occurred.

User Response: If possible, take corrective action. Otherwise, consult your support center.

MB0002 **The output message could not be generated due to errors. Data transformation failed for the current message. See preceding error messages for more details.**

Problem Determination: Errors occurred while trying to create the output message, which prevented it from being generated. The transformation did not complete successfully.

User Response: Check the preceding error messages for more information on the cause of the error. If possible, take corrective action. Otherwise, consult your support center.

Severity: 8

MB0099 **Data transformation failed for the current message. See preceding messages for more details.**

Severity: 8

Problem Determination: A data transformation node detected errors in the current message, and did not propagate it to the next node. The transformation did not complete successfully.

User Response: Check the preceding error messages for more information on the cause of the error. If possible, take corrective action. Otherwise, consult your support center.

MP Messages

MP0000 **Your request was completed successfully**

Explanation: Choose another action or exit this task.

Severity: 0

MP0002 **Because of a program error, your request cannot be completed**

Explanation: See the error log for a description of the error and notify support personnel.

Severity: 12

Problem Determination: An error occurred while executing the service selected from the menu.

User Response: Refer to the error log for the selected service for additional information about this error.

MP0003 **You are not authorized for this task**

Explanation: You do not have task authorization for this function. See your system administrator.

Severity: 4

MP0004 **Press PF3 again to exit**

Explanation: You asked to exit . Press PF3 again to exit, or make a selection and press Enter to continue.

Severity: 4

Problem Determination: To confirm the exit from the .

User Response: You asked to exit . Press PF3 again to exit, or make a selection and press Enter to continue.

MS Messages

MS0010 **A message file could not be opened.**

Severity: 12

Problem Determination: A call from Message Services to open the Data Interchange message file failed. Only the message ID and the symptom string are logged for this message.

User Response:

- Check to see that a message file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for the service in this manual and take the action indicated.
- If you can not resolve this problem call your support center.

MS0020 **No text found for message &1 in message file &2.**

Severity: 4

Problem Determination: There is no text for this message ID in the message file.

User Response:

- This problem should be reported to your support center.

MS0030 **A message file could not be closed.**

Severity: 8

Problem Determination: A call from Message Services to close the Data Interchange message file failed. This message ID and the symptom string are logged for this message.

User Response:

- Check to see that a message file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for the service in this manual and take the action indicated.
- If you can not resolve this problem call your support center.

MS0040 **A request to allocate memory failed.**

Severity: 12 Services

Problem Determination: The Service Director Environmental Service request to allocate memory failed, indicating there may be no more virtual storage.

User Response:

- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- If you can not resolve this problem, call your support center.

MS0051 **This message could not be formatted into the requested line length.**

Severity: 4

Problem Determination: This message indicates that Message Services could not format the requested message into the line length passed by the calling program.

User Response:

- This problem should be reported to your support center.

MS0052 **This message is too long to format into ten lines.**

Severity: 4

Problem Determination: This message indicates that Message Services can not format the requested message into the ten lines of the length requested by the calling program.

User Response:

- This problem should be reported to your support center.

MS0080 **Message Services initialization failed.**

Severity: 12 Services

Problem Determination: Message Services failed to initialize because of a bad return code from the GETANCHR Service Director Environmental Service.

User Response:

- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- If you can not resolve this problem, call your support center.

PS Messages

PS0010 **Invalid number of parameters passed to Profile Services.**

Severity: 8

Problem Determination: The calling program did not pass the required parameters to Profile Services (or a virtual array was indicated, but not passed appropriately).

User Response: Call your support center.

PS0020 **A request to allocate memory failed.**

Severity: 8

Problem Determination: A call to the service director to obtain storage resulted in an error. This error may be due to insufficient storage.

User Response:

- Look up the return and extended return code for the Service Director allocation function and take action as indicated.
 - If this error is due to insufficient storage you may need to increase the amount of virtual storage.
 - If unable to resolve this problem, call your support center.
-

PS0021 **A request to get an anchor failed.**

Severity: 12

Problem Determination: A call to the Service Director to get an anchor failed. This anchor is set previously by the Profile Service to keep track of its internal variables.

User Response:

- Look up the return and extended return code for the Service Director get anchor function and take action as indicated.
 - If unable to resolve this problem, contact your support center.
-

PS0030 **Error occurred calling Event Logging. Return code &1, extended code &2.**

Severity: 4

Problem Determination:

A call to the Event Logging to log a profile activity failed. The profile activity did not get logged.

User Response:

- Look up the return and extended return code for the Event Logging and take action as indicated.
 - If this error is due to out of space of the log file, either archive or increase space of the log file.
-

PS0040 **Error calling Common Error Services. Return code &1, extended code &2.**

Severity: 4

Problem Determination:

A call to the Common Error Service to log a profile error failed. The profile error did not get logged.

User Response:

Look up the return and extended return code for the Common Error Service and take action as indicated.

PS0100 **The profile ID, which is a required field, was not provided.**

Severity: 8

Problem Determination: The profile ID in the profile control block is either blanks or nulls. A valid profile ID must exist in the profile control block.

User Response: Call your support center.

PS0101 **Invalid Profile Services function.**

Severity: 8

Problem Determination: The function code in the Function Control Block passed to Profile Services is, in some way, an invalid Profile Service operation.

User Response: Call your support center.

PS0102 **Invalid Profile Services search type.**

Severity: 8

Problem Determination: The search type specified in the Profile Control Block is invalid.

User Response: Call your support center.

PS0103 **The requested number of occurrences is invalid.**

Severity: 8

Problem Determination: The requested number of occurrences in the Profile Control Block is out of range.

User Response: Call your support center.

PS0104 **Public authority &1 is invalid.**

Severity: 8

Problem Determination: The public authority (security) field in the Profile Control Block is invalid.

User Response: Call your support center.

PS0105 **Field length &1 is invalid.**

Severity: 8

Problem Determination: A field length in the Profile Control Block, when defining a profile, is invalid.

User Response: Call your support center.

PS0106 **Data record &1 exceeds maximum length.**

Severity: 8

Problem Determination:

The sum of field lengths defined for a profile is greater than the allowable maximum record length.

User Response: Call your support center.

PS0107 **Key field is missing. Key field must be left justified and padded with blanks.**

Severity: 8

Problem Determination: The key field used to search with in the Profile Control Block is either blanks or nulls.

User Response: Call your support center.

PS0108 **Invalid Profile Services key length.**

Severity: 8

Problem Determination: The key length specified in the Profile Control Block associated with a generic (or partial) key look-up, is invalid. It cannot be less than one or greater than the actual key length of the profile in question.

User Response: Call your support center.

PS0109 **Invalid Profile Services search field.**

Severity: 8

Problem Determination: The name of the field in the Profile Control Block cannot be matched with any of the field names defined in the profile definition record.

User Response: Call your support center.

PS0201 **Profile not found.**

Severity: 8

Problem Determination: The profile ID specified in the Profile Control Block was not found.

User Response: Call your support center.

PS0202 **Profile ID already exists.**

Severity: 8

Problem Determination: This error should not occur.

User Response: Call your support center.

PS0203 **The profile is in use.**

Severity: 8

Problem Determination: Someone else is using this profile now.

User Response: Try your request again later.

PS0204 **A change to field length or type is not allowed.**

Severity: 8

Problem Determination: You are trying to change the field length(es) or type(s) of an existing profile or table.

User Response:

- You may not change any profile structure.
 - To change a table to a different structure, you need to delete the existing table then add it back with new structure.
-

PS0205 **A READ-FOR-UPDATE must precede an UPDATE request.**

Severity: 8

Problem Determination: A READ-FOR-UPDATE call (function 95) must precede the UPDATE call (function 94) so the record can be locked from being accessed by other people.

User Response: Call your support center.

PS0206 **Field label &1 is invalid. It must be left justified and padded with blanks.**

Severity: 8

User Response:

- Use the Profiles function to view the profile and find out the exact name of the field you are working.
 - Correct the field name. It must be left justified and padded with blanks.
-

PS0207 **Profile definition buffer is too small.**

Severity: 8

Problem Determination: The data area passed in the fifth parameter is not big enough to hold the requested profile definition.

User Response: Call your support center.

PS Messages

PS0301 Profile member not found.

Severity: 8

Problem Determination: The member search key specified in the Profile Control Block was not found.

User Response: Correct the member name, or use the ADD function to first create it.

PS0302 Profile member already exists.

Severity: 8

Problem Determination: The key field in the Profile Control Block for the profile member you are adding already exists. Duplicate member keys for the same profile are not allowed.

User Response: Enter some other name for the key field of this member and try it again.

PS0303 The profile member is in use.

Severity: 8

Problem Determination: Someone else is using this profile member now.

User Response: Try your request again later.

PS0304 Invalid profile member length.

Severity: 8

Problem Determination: The profile member record read does not match the record length specified in the profile definition record.

User Response: Call your support center.

PS0305 A READ-FOR-UPDATE must precede an UPDATE request.

Severity: 8

Problem Determination: A READ-FOR-UPDATE call (function 15) must precede the UPDATE call (function 40) so the record can be locked from being accessed by other people.

User Response: Call your support center.

PS0306 The real number format is not valid and cannot be normalized.

Severity: 8

Problem Determination: The table entry type 'R' was specified and the number format is not valid. Real numbers can only consist of numeric digits, an optional minus sign or plus sign, and an optional decimal point.

User Response: Correct the real number format and re-enter. Profile Services will automatically normalize real numbers.

PS0307 Profile member buffer is too small.

Severity: 8

Problem Determination: The data area passed in the fifth parameter is not big enough to hold the requested profile member.

User Response: Call your support center.

PS0308 A call from Profile Services to the Management Reporting Service failed.

Severity: 8

Problem Determination: When mailbox (requestor profile) members are deleted, their corresponding management reporting statistics are also deleted. The call to Management Reporting Services failed. Look up the Management Reporting error logged in association with this error.

User Response: If you cannot resolve the problem, call your support center.

PS0309 A call from Profile Services to the Prompt Service failed.

Severity: 8

Problem Determination: When profile members are added or deleted, a call is made to the Prompt Service. This call returned an error. Look up the Prompt Service error logged in association with this error. Even though an error was encountered in the Prompt Service, the actual Profile Services request may or may not have completed successfully.

User Response: If you cannot resolve the problem, call your support center.

PS0311 A call from Profile Services to the Edit Service failed.

Severity: 8

Problem Determination: When table definitions are deleted, a call is made to the Edit Service. This call returned an error. Look up the Edit Service error logged in association with this error. Even though an error was encountered in the Edit Service, the actual Profile Services request completed successfully.

User Response: If you cannot resolve the problem, call your support center.

PS0400 Profile Service database error.

Severity: 8

Problem Determination: Examine the error codes logged in the error message. Look up the SQL error code in the DB2 Messages and Codes manual and relate it with the Profile Service operation requested. If the SQL code is -904 (an unavailable resource), this

could mean an out-of-space condition. If an out-of-space condition is suspected, the profile ID can be used to determine the DB2 table involved. The tablespace for this table would have to be dropped and recreated with larger PRIQTY and SECQTY values.

User Response: If unable to resolve the problem, call your support center.

QS Messages

QS0104 **Insufficient memory.**

Severity: 12

Problem Determination: The Service Director Environmental Service request for memory failed, indicating there is no more virtual storage.

User Response:

- Run the job again. If it fails increase the amount of virtual storage.
- If you can not resolve this problem, call your support center.

QS0904 **An error occurred when attempting to get the physical file name associated with the logical file name: &1.**

Severity: 12

Problem Determination: A call to the Service Director to get the fully qualified name of a file resulted in an error.

User Response: Ensure that the file exists and is appropriately allocated.

QS3001 **Record length incompatibility encountered when attempting to open: &1**

Explanation: The file being opened for output has a record length smaller than the records to be written or the file being opened for input has records that are longer than the data area into which the records are to be read. Check that the file has been allocated with the correct length.

Severity: 8

Problem Determination: A call to a service (SERVICE) from the module named in the symptom string (MODULE) resulted in a request to open a file for output that has a record length smaller than the records to be written or in a request to open a file to read from that has records that are longer than the data area into which the records are to be read.

User Response:

- Check that the file has been allocated with an appropriate length.
- Re-run the job.
- If you cannot resolve this problem call your support center.

QS8001 **File name is missing.**

Severity: 12

Problem Determination: The path name or file name could not be found.

User Response: Call the support center.

QS9001 **A call to the File Handler resulted in an error for file &1.**

Severity: 12

Problem Determination: A call to the File Handler from the module named in the symptom string (MODULE) resulted in a error. The type and cause of the error are indicated by the return code (CCB_RC) and the extended return code (CCB_ERC) for the requested function/service (FUNCTION). Some functions are: 1 = Open file, 2 = Read record, 3 = Write record, 5 = Close file.

User Response: Look for the File Handler extended return code in this manual. If the extended return code is listed, determine the cause of the error. If unable to resolve the problem, call your support center.

See the manuals for more information about the file that was in error.

QS9999 **An internal error occurred.**

Explanation: View the error log to determine the exact nature of any problems encountered and notify your system administrator.

Severity: 12

User Response: Call your support center.

RS Messages

RS0000 An error occurred during a repository access. Repository identifier = &1. Repository function ID = &2. Repository type = &3.

Severity: 8

Problem Determination: An error occurred while trying to perform a repository request.

User Response: Perform the following:

- Check for any systems related messages produced prior to this message.
- Correct any system related errors and retry operation.
- Check the log file for any related messages.
- Correct any errors indicated by these messages and retry operation.
- Call support and provide the following:
 - list of messages from log file produced during the same time period as this message.
 - sequence of events which produced this message.

RS0002 An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. A DB2 error was encountered while trying to insert a new row into table EDIELOG. In CICS, a console message was written containing the SQL return code. Examine the DB2 Messages and Codes manual for information. This error may occur when table EDIELOG is full. In order to maintain integrity of the event log, this problem should be dealt with immediately.

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. A DB2 error was encountered while trying to insert a new row into table EDIELOG.

User Response: In CICS, a console message was written containing the SQL return code. Examine the DB2 Messages and Codes manual for information. This error may occur when table EDIELOG is full. In order to maintain integrity of the event log, this problem should be dealt with immediately.

RS0003 An error occurred during repository event log processing. Module EDIELAT attempts to ATTACH to MVS subtask EDIELAS. The ATTACH either failed or the MVS ECB associated with the ATTACH was posted. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAT attempts to ATTACH to MVS subtask EDIELAS. The ATTACH either failed or the MVS ECB associated with the ATTACH was posted.

User Response: Make sure that module EDIELAS exists and is in a load library where it can be executed. If you are unable to resolve this problem, contact the support center.

RS0004 An error occurred during repository event log processing. Module EDIELAS encountered an error attempting to connect to DB2. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS encountered an error attempting to connect to DB2.

User Response: Make sure that the DB2 subsystem ID and plan name are being passed into correctly. EDIELAS uses the DB2 subsystem ID when connecting to DB2. This connection request failed, which indicates that either no subsystem ID was passed into or that an incorrect value was entered. If you are unable to resolve this problem, contact the support center.

RS0005 An error occurred during repository event log processing. Module EDIELAS encountered an error attempting to open a plan with DB2. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS

RS Messages

encountered an error attempting to open a plan with DB2.

User Response: Make sure that the DB2 subsystem ID and plan name are being passed into correctly. EDIELAS uses the DB2 subsystem ID and plan name when opening the plan with DB2. The open request failed, which indicates that either no plan name was passed into or that an incorrect value was entered. If you are unable to resolve this problem, contact the support center.

RS0006 **An error occurred during repository event log processing. Module EDIELAS encountered an error attempting to insert a new row into table EDIELOG. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.**

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS encountered an error attempting to insert a new row into table EDIELOG.

User Response: This error may indicate that EDIELAS needs to be rebound. However, it is more likely that there is a problem with table EDIELOG. This table may be full. If this is suspected, steps must be taken to either purge old records or to redefine the table so that it will hold more records. If you are unable to resolve this problem, contact the support center.

RS0007 **An error occurred during repository event log processing. Module EDIELAT attempts to "pipe" a message to child process, EDIELAS. An error occurred during the write to the pipe. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.**

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAT attempts to "pipe" a message to child process, EDIELAS. An error occurred during the write to the pipe.

User Response: If you are unable to resolve this problem, contact the support center.

RS0008 **An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. An error occurred attempting to connect to DB2. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.**

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. An error occurred attempting to connect to DB2.

User Response: If you are unable to resolve this problem, contact the support center.

RS0009 **An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. A DB2 error was encountered while trying to insert a new row into table EDIELOG. The message that was supposed to be written to the event log was lost. In order to maintain integrity of the event log, this problem should be dealt with immediately.**

Severity: 8

Problem Determination: An error occurred during repository event log processing. Module EDIELAS is responsible for DB2 event log updates. A DB2 error was encountered while trying to insert a new row into table EDIELOG.

User Response: This error may occur when table EDIELOG is full. If you are unable to resolve this problem, contact the support center.

RS0050 **The DB2 Call Attachment Facility failed during an OPEN. Call Attachment Facility return code = &1. Call Attachment Facility extended return code = &2.**

Severity: 12

Problem Determination: An error occurred while attempting to open the DB2 connection via the Call Attachment Facility.

User Response: Examine the return codes in the message against the documented return codes in the DB2 manual "Application Programming Guide".

RS0051 **The DB2 Call Attachment Facility failed during a CLOSE. Call Attachment Facility return code = &1. Call Attachment Facility extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while attempting to close the DB2 connection via the Call Attachment Facility.

User Response: Examine the return codes in the message against the documented return codes in the DB2 manual "Application Programming Guide".

RS0052 **Unable to open the SYSTSN device. QSAM File Handler return code = &1. QSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: The SYSTSN device, which contains the DB2 subsystem and plan names, was not available to be opened.

User Response: Check the DDname SYSTSN to make sure it was allocated. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

RS0053 **Record length of the SYSTSN device too long, must be less than 512.**

Severity: 8

Problem Determination: The length of the records contained in SYSTSN is greater than the maximum allowable, that being 512.

User Response: Change the LRECL of SYSTSN to be less than 512 bytes.

RS0054 **The PLAN name or SYSTEM id was not found in the SYSTSN device.**

Severity: 8

Problem Determination: The PLAN name or SYSTEM id was not found in the SYSTSN device. This information is mandatory to execute in the DB2 environment.

User Response: Examine the SYSTSN device and make sure the PLAN and SYSTEM names are specified correctly. The correct format is PLAN(pppppppp) SYSTEM(ssss) where "pppppppp" is the plan name and "ssss" is the subsystem id.

RS0055 **Error occurred while reading the SYSTSN device. QSAM File Handler return code = &1. QSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while Repository Services was attempting to read from the SYSTSN device.

User Response: Check DDname SYSTSN for problems. SYSTSN is the device containing the DB2 subsystem and plan names. Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

RS0056 **Error occurred during the closing of the SYSTSN device. QSAM File Handler return code = &1. QSAM File Handler extended return code = &2.**

Severity: 8

Problem Determination: An error occurred while Repository Services was attempting to close the SYSTSN device.

User Response: Examine the return codes in the message against return codes in this manual in the QSAM File handler section for more details.

RS0057 **A request to allocate memory failed, program terminated.**

Severity: 12

Problem Determination: A request to allocate memory failed, indicating there is no more virtual storage.

User Response: Run the job again. If it fails increase the amount of virtual storage. If you can not resolve this problem, call your support center.

RU Messages

RU0001 No active Rule record was found for the message. For document &1, dictionary name &2, syntax &3, sender ppp...p, receiver qqg...q, usage indicator rrr...r and process sss...s, no matching Rule was found.

Severity: 4

Problem Determination: There was no record in the EDIRULE table that could be used for for this message.

User Response: You may add an appropriate rule that matches the message or add an ANY to ANY rule that can be used for the message.

RU0002 An unexpected return code of &1 was received. &2.

Severity: 8

Problem Determination: The return code was not an expected result. This is typically due to an internal processing error. The error description provides additional information on the problem that occurred.

User Response: If possible, take corrective action. Otherwise, consult your support center.

RU0003 The best rule match for the document was: map name xxx...x, sending TP nickname yyg...y, receiving TP nickname zzz...z, usage indicator ppp...p, document qqg...q, dictionary name rrr...r, syntax sss...s.

Severity: 0

Problem Determination: The specified rule is the best match found for this document. The rule was found using the specified sender and receiver trading partner nicknames.

User Response: This is an informational message only.

RU0004 The best rule match for the document was: map name xxx...x, process yyg...y, usage indicator zzz...z, document ppp...p, dictionary name qqg...q, syntax rrr...r.

Severity: 0

Problem Determination: The specified rule is the best match found for this document. The rule was found using the specified process id.

User Response: This is an informational message only.

SA Messages

SA0001 **You are not authorized to perform any task**

Explanation: You have not been authorized through the System Authorization Facility (SAF) to perform any task.

Severity: 8

Problem Determination:

User is not authorized to use Data Interchange.

User Response:

Press cancel key to exit. Obtain proper authorizations from the support personnel and try again.

SA0041 **You are not authorized to perform this task**

Explanation: You have not been authorized through the System Authorization Facility (SAF) to perform the requested task.

Severity: 8

Problem Determination:

Inadequate authorization.

User Response:

You may choose another task or exit Data Interchange. Obtain proper authorization from the support personnel and try again.

SA0042 **Access denied to &1 within resource &2.**

Severity: 8

Problem Determination:

Inadequate authorization

User Response:

Obtain proper authorization from your system administrator.

SA0086 **Initialization failed. Return codes:**

Severity: 12

Problem Determination: The Service Director can not find either the Service Table or enough storage.

User Response: If you cannot resolve this problem, contact your support center.

SA0088 **Initialization of Edit Services failed. Return code:**

Severity: 12

Problem Determination: The Edit Services failed to

read the edit tables in the profiles (PROFDEF and PROFDAT) or tables (TABLDEF and TABLDAT).

User Response: If an SQL code is known, look up the code in the SQL Return Codes section of the DB2 Messages and Codes manual. Profile Services encountered this code trying to access the DB2 tables associated with profiles and tables. If unable to resolve, contact your support center.

SA0090 **Error returned from menu processor. Return codes:**

Severity: 12

Problem Determination: Errors returned by either the administrator's menu processor or the interactive entry facilities.

User Response: Verify that the Screens file (EDISCRN) has been allocated properly. If not, allocate the file and try again. Otherwise, notify your support center.

SA0101 **: You are not authorized to perform any task**

Explanation: You have not been authorized through the System Authorization Facility (SAF) to perform any task.

Severity: 8

Problem Determination:

User is not authorized to use Data Interchange.

User Response:

Press cancel key to exit. Obtain proper authorizations from the support personnel and try again.

SA0188 **Edit Services failed, RC = &1 ERC = &2 &3**

Severity: 12

Problem Determination: The Edit Services failed to read the edit tables necessary for initialization. did not initialize.

User Response: If an SQL code is displayed, look up the code in the SQL Return Codes section of the DB2 Messages and Codes manual. Profile Services encountered this code trying to access the DB2 tables associated with profiles and tables. If unable to resolve, contact your support center.

SA0190 **cannot display initial panel, RC = &1, ERC = &2.**

Severity: 12

Problem Determination: Errors returned by either the

SA Messages

administrator's menu processor or the interactive entry facilities.

User Response: Verify that the Screens file (EDISCRN) has been allocated properly. If not, allocate the file and try again. Otherwise, notify your support center.

SA0191 **cannot display initial panel. Return Codes:**

Severity: 12

Problem Determination: Errors returned by either the administrator's menu processor or the interactive entry facilities.

User Response: Verify that the Screens file (EDISCRN) has been allocated properly. If not, allocate the file and try again. Otherwise, notify your support center.

SI Messages

SI0001 Warning--double byte input was converted to blanks

Explanation: Because double byte characters are not allowed as input, some of the characters you typed were converted to blanks. Check your work and make changes as required. Then continue with your previous request.

Severity: 4

SI0002 Function key F &1 is not available here

Explanation: The key you pressed does not do anything here. Choose one of the keys listed in the function key area.

Severity: 4

SI0003 Choose a command listed in the action bar

Explanation: The action bar lists the acceptable commands. The command mnemonics are shown as capital letters. You may enter them in lowercase.

Severity: 8

SI0004 Help is not available here

Explanation: There is no help for this field.

Severity: 4

SI0005 Command not recognized--please reenter

Explanation: The commands you can enter include menu, action bar, and function key choices. Examples: PROFILES (menu choice), UPDATE id (action bar choice), EXIT (function key choice). Most action bar choices entered as commands require a parameter. The parameter is usually the ID or name of an item listed on the panel, such as a trading partner ID.

Severity: 8

SI0006 A recoverable error occurred--see the error log

Explanation: See the error log for a description of the error and notify support personnel. The error did not affect the results of your request. You may continue with your next request.

Severity: 4

SI0007 The &1 command is not available here

Explanation: The command you entered does not do anything here. Enter one of the commands listed in the

function key area or listed on the action bar.

Severity: 8

SI0008 Enter the number of a task listed on the menu

Explanation: To select a task, type the number and press Enter.

Severity: 8

SI0009 The abbreviation you typed matches more than one command

Explanation: Enter the command again using enough characters to make the command name unique.

Severity: 8

SI0010 Data not saved--press Enter to save, press Cancel or Exit to discard

Explanation: The last entries have not been saved. Press Enter if you want to save them. Press Cancel or Exit if you don't want to save them.

Severity: 4

SI0011 You must enter a command, program, or CLIST name following the TSO command.

Explanation: Entering just TSO is not valid and it will not take you to full screen TSO mode. You must enter the command, program name, or CLIST name that you wish to have executed after the TSO command. For example, if you normally enter 'ispf' to invoke ISPF then you would enter 'tso ispf'.

Severity: 8

SI0012 The requested function specified with the TSO command could not be found.

Explanation: No command, program, or CLIST matched the string that was entered. Check the requested function to make sure that it is correct.

Severity: 8

SI0013 The cursor is not in an entry field that can be prompted.

Explanation: The cursor must be positioned in an entry field that can be prompted to use Prompt function key. Entry field will be followed by a '+' if prompt is available for that field.

Severity: 8

SI Messages

SI0014 **A Record or Structure Name can not be selected for this entry field.**

Explanation: The prompt target entry field requires an Application Field Name not a Record or Structure Name. Enter a '/' in the Action Column beside the desired Application Field Name.

Severity: 8

SI0015 **An Application Field Name can not be selected for this entry field.**

Explanation: The prompt target entry field requires a Record or Structure Name not an Application Field Name. Enter a '/' in the Action Column beside the desired Record or Structure Name.

Severity: 8

SI0016 **The Expand command is only valid for a record or structure not a field.**

Explanation: The Expand command can only be entered against a Record or Structure Name. An Application Field can not be expanded. Enter this command beside the desired Record or Structure Name.

Severity: 8

SI0017 **The TSO command failed. Return code = &1. Service code = &2.**

Explanation: The call to the TSO service routine, TSOLNK or IKJEFTSR, to execute the requested function failed. The return codes and service codes for TSOLNK are documented in the TSO Programming Services Manual. If this manual does not resolve the problem call your support center.

Severity: 8

SI0018 **No entries match the prompt mask.**

Explanation: No entries in the prompt list match the mask entered in the entry field. Change or remove the mask and press the prompt function key to see the prompt list.

Severity: 4

SI0019 **The prompt list for this field no longer exists.**

Explanation: The prompt list for this field no longer exists. The prompt list existed when this panel was first displayed however, it has since been deleted.

Severity: 4

SI0020 **Invalid character in selection field**

Explanation: You have entered an invalid character for selection. Enter your selection by typing "/" next to each item you wish to select.

Severity: 8

SI0021 **The Collapse command is only valid for a record or structure not a field.**

Explanation: The Collapse command can only be entered against a Record or Structure Name. An Application Field can not be collapsed. Enter this command beside the desired Record or Structure Name.

Severity: 8

SI0022 **This record or structure can not be selected for qualification.**

Explanation: This record or structure can not be used to qualify a loop or segment.

Severity: 4

SI0023 **There are no command entries to retrieve.**

Explanation: Since no commands have been entered on the command line there no command entries to retrieve.

Severity: 0

SI0032 **Code page &1, which is specified in the language profile, is invalid**

Explanation: The code page specified in the requested language profile is not valid for GDDM[®]. Change the code page in the language profile to a valid code page. The GDDM default code page is being used.

Severity: 8

SI1003 **The Screen Interface encountered a VSAM READ failure with key &1.**

Severity: 12

Problem Determination: A call to the VSAM KSDS Handler from Screen Interface to read the Data Interchange screen text file failed.

User Response:

- Check to see that a Data Interchange screen text file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for the VSAM KSDS Handler in this manual and take the action indicated. The extended return code is the actual return code from VSAM and

should be looked up in the OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide.

- If you can not resolve this problem call your support center.

SI1005 The Screen Interface encountered a VSAM OPEN failure on file &1.

Severity: 12

Problem Determination: A call to the VSAM KSDS Handler from Screen Interface to open the requested Data Interchange file failed.

User Response:

- Check to see that the requested Data Interchange file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for the VSAM KSDS Handler in this manual and take the action indicated. The extended return code is the actual return code from VSAM and should be looked up in the OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide.
- If you can not resolve this problem call your support center.

SI1006 A request for get main storage failed.

Severity: 12

Problem Determination: The GETMAIN Service Director Environmental Service request failed, indicating the region is out of virtual storage.

User Response:

- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- If you can not resolve this problem, call your support center.

SI1007 A request to get an anchor failed.

Severity: 12

Problem Determination: A request to the GETANCHR Service Director Environmental Service failed.

User Response:

- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- If you can not resolve this problem, call your support center.

SI1008 Edit &1 call to Edit Services failed.

Severity: 12

Problem Determination: The requested Edit from Edit Services failed.

User Response:

- Look up the return code, extended return code and function code for the Edit Services in this manual and take the action indicated. If you can not resolve this problem, call your support center.

SI1011 An error occurred during GDDM processing.

Severity: 8

Problem Determination: A request by Data Interchange to GDDM failed.

User Response:

- This problem should be reported to your support center.

SI1012 An error occurred during Message Services retrieving of message &1.

Severity: 4

Problem Determination: A call to Message Services to read the requested message failed.

User Response:

- Check to see that a message file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for Message Services in this manual and take the action indicated.
- If you can not resolve this problem call your support center.

SI1013 The load module to be linked - &1 - was not found.

Severity: 12

Problem Determination: A request to the LINK Service Director Environmental Service failed.

User Response:

- Check to see if all of programs for Data Interchange have been installed in the correct libraries.
- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- If you can not resolve this problem, call your support center.

SI1014 The requested help - &1 - was not found. The help may have been deleted.

Severity: 4

Problem Determination: A call to the VSAM KSDS Handler from Screen Interface to read the requested help id from the Data Interchange help file failed.

User Response:

- Check to see that a help file is defined and allocated as required by Data Interchange

SI Messages

- Look up the return code, extended return code and function code for the VSAM KSDS Handler in this manual and take the action indicated. The extended return code is the actual return code from VSAM and should be looked up in the OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide.
- If you can not resolve this problem call your support center.

SI1015 A request to free main storage failed.

Severity: 4

Problem Determination: The FREEMAIN Service Director Environmental Service request failed.

User Response:

- Look up the return code, extended return code and function code for the Service Director Environmental Services in this manual and take the action indicated.
- This problem should be reported to your support center.

SI1016 The Screen Interface encountered a VSAM CLOSE failure on &1.

Severity: 4

Problem Determination: A call to the VSAM KSDS Handler from Screen Interface to close the requested Data Interchange file failed.

User Response:

- Check to see that the requested Data Interchange file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for the VSAM KSDS Handler in this manual and take the action indicated. The extended return code is the actual return code from VSAM and should be looked up in the OS/VS Virtual Storage Access Method (VSAM) Programmer's Guide.
- If you can not resolve this problem call your support center.

SI1017 An error occurred in retrieving the locator message - &1.

Severity: 12

Problem Determination: A call to Message Services to read the requested locator message failed.

User Response:

- Check to see that a message file is defined and allocated as required by Data Interchange
- Look up the return code, extended return code and function code for Message Services in this manual and take the action indicated.
- If you can not resolve this problem call your support center.

TF Messages

TF0000 **Your request completed successfully**

Explanation: Choose another action or exit this task.

Severity: 0

TF0002 **There are no transactions that match your selection criteria**

Explanation: You may enter a new set of selection criteria. Press Cancel or Exit to return to the Transaction Store Facility menu.

Severity: 0

TF0003 **The transaction selected no longer exists in the data base.**

Explanation: The transaction may have been recently removed. You may re-enter the selection criteria to eliminate the removed transaction from the list. Press Cancel to return to the Criteria Selections panel.

Severity: 8

Problem Determination: This situation should be rare but may result under the following circumstances:

1. User "A" enters selection criteria which results in the display of a list of transactions including transaction "X".
 2. User "B" submits a batch job with a PERFORM PURGE and subsequent PERFORM REMOVE which removes transaction "X" from the data base.
 3. User A, (unaware of user B's actions), attempts to display the <D>etails of transaction "X". However, since the transaction no longer exists, the details cannot be displayed.
-

TF0004 **The interchange/group detail selected does not exist in the data base**

Explanation: Either the transaction has not been enveloped or the interchange or group has been recently removed. You may re-enter the selection criteria to eliminate the interchange/group from the list. Press Cancel to return to the Criteria Selections panel.

Severity: 8

Problem Determination: This situation should be rare but may result under the following circumstances:

1. User "A" enters selection criteria which results in the display of a list of transactions including transaction "X".
 2. User "B" submits a batch job with a PERFORM PURGE and subsequent PERFORM REMOVE which removes transaction "X" from the data base.
-

3. User A, (unaware of user B's actions), attempts to display the <D>etails of transaction "X". However, since the transaction no longer exists, the details cannot be displayed.
-

TF0005 **You have not selected the details that you want to view**

Explanation: You have not selected the details that you want to be displayed. Use the Options action to specify the details that you want to see. Then retry the Details action to see the selected details.

Severity: 4

TF0006 **There are no interchanges that match your selection criteria**

Explanation: You may enter a new set of selection criteria. Press Cancel or Exit to return to the Transaction Store Facility menu.

Severity: 0

TF0008 **Enter the number of a status listed on the panel**

Explanation: To select a status, type the number and press Enter.

Severity: 8

TF0010 **Data not saved--press Enter to save, press Cancel or Exit to discard**

Explanation: Changes you made since you last pressed Enter were neither validated nor saved. Data entered in error is not saved. Any data you previously entered correctly has been saved as part of your current selection criteria. Press Enter to validate your new data, Exit to return to the Criteria Selections panel, or Cancel to continue.

Severity: 4

TF0011 **Data not saved--press Enter to save, press Cancel or Exit to discard**

Explanation: Changes you made since you last pressed Enter were neither validated nor saved. If an invalid menu selection was entered, it also has not been saved. Any menu selection you previously entered correctly has been saved as part of your current selection criteria. Press Enter to validate your menu selection, Exit to return to the Criteria Selections panel, or Cancel to continue.

Severity: 4

TF Messages

TF0013 Enter P (for production), T (for test), or I (for information)

Explanation: Enter P (for production), T (for test), or I (for information). These value are in translation table TRANSUSE and are the valid types of usages.

Severity: 8

Problem Determination: You attempted to enter a value other than P, T, or I.

User Response: Enter P (for production), T (for test), or I (for information). These value are in translation table TRANSUSE and are the valid types of usages.

TF0019 Communications is busy. Please try later

Explanation: You have requested that the Communication server perform another service which is currently in progress. Please try your request again later.

Severity: 4

TF0021 Type S for send transactions or R for receive transactions

Explanation: Use this field to specify whether you would like the list of transactions to contain either send transactions or receive transactions. Type an 'S' to specify send transactions or an 'R' to specify receive transactions.

Severity: 8

TF0022 Enter the beginning value first, the ending value second

Explanation: For a range of values, enter the earlier or lower value in the first field. Enter the later or higher value in the second field.

Severity: 8

TF0023 Enter a valid Transaction status number

Explanation: Enter the number which corresponds to the Transaction status you wish to use in your query. Request help for this field to see the valid numbers you may enter.

Severity: 8

TF0025 Enter a valid Network status number

Explanation: Enter the number which corresponds to the Network status you wish to use in your query. Request help for this field to see the valid numbers you may enter.

Severity: 8

TF0026 Enter a date in the correct format

Explanation: The date mask in the language profile defines the correct format for entering the date.

Severity: 8

TF0027 Enter a time in the correct format

Explanation: The time mask in the language profile defines the correct format for entering the time.

Severity: 8

TF0028 Enter a Transaction status number that is valid for the task you selected

Explanation: The status that you may specify is restricted for re-envelope, re-envelope and re-send, and re-translate. For re-envelope or re-envelope and re-send choose among the following:

Trx detached - send	29
Enveloped	30
Envelope error	31
Sent with errors	41
Send request error	42
Not sent net error	43
Send requested	48
Sent to network	49
Accepted by network	50
Delivered by network	51
Purged by network	52
Recall requested	53
Recall request error	54
Recalled	55
Transaction accepted	61
Transaction rejected	62

For re-translate choose between the following:

Receive translated	72
Receive trans error	73

Severity: 8

TF0029 Enter a selection value in the From field

Explanation: Enter in the From field the value to be used for selecting transactions. To use a single value for selection, leave the To field blank. To check a range, enter a value in both the From and To fields.

Severity: 8

TF0030 Enter letters and numbers only

Explanation: Enter this field using only the characters A-Z, a-z, and 0-9.

Severity: 8

TF0032 You cannot leave this field blank

Explanation: You skipped a required field. Move the cursor to it and enter the required information. If you need an explanation of the field, press Help when the cursor is in the field.

Severity: 8

TF0033 The entry contains one or more embedded blanks

Explanation: Type the entry again without the embedded blanks.

Severity: 8

TF0035 Enter Y or N

Explanation: Y and N are the only choices. For an explanation of each choice, request help when the cursor is on the input line for the field.

Severity: 8

TF0038 There are no groups for this interchange

Explanation: The selected interchange contains no groups.

Severity: 4

TF0039 There are no transactions for this interchange/group

Explanation: The selected interchange or group contains no transactions.

Severity: 4

TF0040 Application ID is not defined

Explanation: There is no activity log profile member for the Application ID you entered. Enter the ID of an application that is defined in the activity log profile.

Severity: 8

TF0041 Input must be X, U, E, I, T or 0 for Envelope type

Explanation: Enter "X" to select X12 transactions, "U" to select UCS transactions, "E" to select EDIFACT transactions, "I" to select ICS transactions, "T" to select UN/TDI transactions, or "0" (zero) to select transactions with no envelope.

Severity: 8

TF0042 Enter 0, 1, 2, or 3 for the Translation error level

Explanation: Specify the Translation error level desired: 0 - transactions with no translation errors 1 - transactions with data element errors 2 - transactions with data element errors and/or segment errors 3 - transactions with transaction level errors

Severity: 8

TF0043 Mailbox (Requestor) ID does not exist

Explanation: A member does not exist in the mailbox (requestor) profile for the specified Mailbox (Requestor) ID. Enter a valid Requestor ID.

Severity: 8

TF0044 Trading partner nickname does not exist

Explanation: A trading partner profile member does not exist for the specified Trading partner nickname. Enter a valid Trading partner nickname.

Severity: 8

TF0045 Data format name is not defined

Explanation: The Data format name you entered is not defined to your application. Enter a valid Data format name.

Severity: 8

TF0046 You are not authorized for this Mailbox (Requestor) ID

Explanation: If you should have authorization to use the Mailbox (Requestor) ID you entered, contact your system administrator; otherwise, enter a Mailbox (Requestor) ID which you are authorized to use.

Severity: 8

TF0047 Enter numbers only

Explanation: Enter this field using only the digits 0-9.

Severity: 8

TF0048 You are not authorized for this trading partner

Explanation: If you should have authorization to use the Trading partner nickname you entered, contact your system administrator; otherwise, enter a Trading partner nickname which you are authorized to use.

Severity: 8

TF Messages

TF0049 **You are not authorized for this Data format**

Explanation: If you should have authorization to use the Data format name you entered, contact your system administrator; otherwise, enter a Data format name which you are authorized to use.

Severity: 8

TF0050 **Network ID is not defined**

Explanation: The Network ID you entered does not exist in the network profile. Enter a Network ID that is defined in the network profile.

Severity: 8

TF0051 **An image does not exist for this interchange**

Explanation: The interchange image has not been generated.

Severity: 4

TF0052 **An image does not exist for this group**

Explanation: The group image has not been generated.

Severity: 4

TF0053 **An image does not exist for this transaction**

Explanation: Either the selected transaction has not been translated or it has been translated with an error severe enough to prevent the generation of an image.

Severity: 4

TF0054 **The Network ID in the mailbox (requestor) profile conflicts with the displayed Network ID**

Explanation: Type a Mailbox (Requestor) ID associated with the displayed Network ID and press Enter, or press Exit or Cancel.

Severity: 8

TF0055 **File does not exist**

Explanation: Enter the field again using a valid file name.

Severity: 8

TF0056 **Unable to reference this file**

Explanation: There was a system failure in an attempt to reference the file. Ensure that the name was entered correctly. View the error log to determine the exact nature of the problem before calling your system support representative.

Severity: 8

TF0057 **A call to the File Handler resulted in an error for file &1.**

Severity: 12

Problem Determination: A call to the File Handler from the module named in the symptom string (MODULE) resulted in an error. The type and cause of the error are indicated by the return code (CCB_RC) and the extended return code (CCB_ERC) for the called function/service (FUNCTION).

User Response: Look for the File Handler extended return code in this manual. If the extended return code is listed, determine the cause of the error. If unable to resolve the problem, call your support center.

TF0058 **Enter either a Mailbox (Requestor) ID or a Receive file name**

Explanation: You must enter exactly one of the fields -- either a Mailbox (Requestor) ID or a Receive file name. Only one field may be entered.

Severity: 8

TF0059 **You are not authorized to use this file**

Explanation: If you should have authorization to use the file name you entered, contact your system administrator; otherwise, enter a file name which you are authorized to use.

Severity: 8

TF0060 **An error occurred allocating or processing internal storage.**

Severity: 8

Problem Determination: Internal storage processing in the module named in the symptom string (MODULE) resulted in an error. The type and cause of the error is indicated by the extended return code (CCB_ERC) which represents the return value from the Virtual Array Manager. The symptom string value for FUNCTION is meaningless here.

User Response:

- Call your support center with all the information in the symptom string.
-

TF0061 A call to a Service resulted in an error.**Severity:** 8

Problem Determination: A call to a service (SERVICE) from the module named in the symptom string (MODULE) resulted in an error. The type and cause of the error is indicated by the return code (CCB_RC) and extended return code (CCB_XRC) for the requested function (FUNCTION).

User Response:

- Look up the logical name of the service (SERVICE) in Component ID table of the Message and Codes Manual.
- Look up the return code, extended return code and function code for the service and take the action indicated.
- If you cannot resolve this problem call your support center.

TF0062 There is extraneous data on the command line

Explanation: Remove the unnecessary data and resubmit the command.

Severity: 8

TF0063 The transactions flagged on this screen are ineligible for the requested action. Remove them from consideration and press Enter to resubmit the command or action

Explanation: The statuses of the flagged transactions are inconsistent with those allowed for your request. If the request is a command, eXclude the flagged transactions and resubmit the request. If the request is an action, clear the action fields for the flagged transactions and resubmit the request.

Severity: 8

TF0064 You must enter a reference number with this command

Explanation: Enter the reference number corresponding to the transaction of your choice and resubmit the command.

Severity: 8

TF0065 A functional acknowledgment does not exist for this transaction

Explanation: No functional acknowledgment exists for the selected transaction. A functional acknowledgment might not exist for one of four reasons:

- The transaction is a receive transaction.
- A successful send has not yet occurred for a send transaction.

- A functional acknowledgment was not requested for a send transaction.
- A requested functional acknowledgment for a send transaction is still pending.

Severity: 4

TF0067 This command is meaningless when used this way

Explanation: Refer to your product usage information for correct command usage.

Severity: 8

TF0068 Your reference number is not numeric

Explanation: Enter a numeric reference number and resubmit the command.

Severity: 8

TF0069 Only part of the transactions you selected were enveloped

Explanation: Carefully check the statuses of your selected transactions to determine which were successfully enveloped. View the error log to determine the exact nature of any problems encountered.

Severity: 4

TF0070 Your reference number is out of range

Explanation: Enter a reference number between 1 and the number of transactions in your list.

Severity: 8

TF0071 Your reference number is too long

Explanation: Enter a reference number no longer than 10 digits and resubmit the command.

Severity: 8

TF0072 Your request did not complete successfully

Explanation: View the event log to determine the nature of the problem encountered.

Severity: 8

TF0073 An error occurred in the Virtual Array Manager.**Severity:** 8

Problem Determination: Internal storage processing in the module named in the symptom string (MODULE) resulted in an error. The specific location of the error is also indicated.

TF Messages

User Response:

- Call your support center with all the information in the symptom string.

TF0074 **No event log entries for this transaction were found**

Explanation: Either the event log has been archived since any actions were performed against this transaction, or no event log entries have been created for this transaction. Erase the action or command.

Severity: 4

TF0075 **Some transactions in the envelope are not eligible for the requested action.**

Explanation: Some of the transactions in the envelope have a status that is inconsistent with your requested action. Use the Transactions action to display a list of the transactions in the envelope and change them individually, or use the eXclude action to remove the envelope from consideration and resubmit the request.

Severity: 8

TF0076 **Only part of the store statuses for which you requested change were actually updated**

Explanation: Carefully check the store statuses of your selected transactions to determine which were successfully updated. View the error log to determine the exact nature of any problems encountered.

Severity: 4

TF0077 **The actions flagged on this screen conflict with the command you entered. Remove them from consideration and press Enter to resubmit the command**

Explanation: Since your request is a change status command, you may not enter conflicting change status actions. For instance, if you entered the command Hold, then actions Release, purGe, and Unpurge are disallowed. Clear or eXclude the action in error and press Enter to resubmit the command.

Severity: 8

TF0080 **Data conversion error exists in the Activity Summary Report - see error log**

Explanation: An attempt to convert one or more fields failed during the generation of the Activity Summary Report. Each individual error that occurred was logged and may be researched separately. The possible causes of this error are listed below.

- Conversion of a date or time from the internal stored format to the user defined display format.

- Conversion of a numeric representation of a status to its textual representation.
- A language specific conversion.

Severity: 4

TF0081 **Data conversion error exists in the Status Summary Report - see error log**

Explanation: An attempt to convert one or more fields failed during the generation of the Status Summary Report. Each individual error that occurred was logged and may be researched separately. The possible causes of this error are listed below.

- Conversion of a date or time from the internal stored format to the user defined display format.
- Conversion of a numeric representation of a status to its textual representation.
- A language specific conversion.

Severity: 4

TF0082 **Error generating requested report - see the error log**

Explanation: A severe error occurred while attempting to generate the requested report. View the error log to determine the exact nature of any problems encountered. The possible causes of this error are listed below:

- Failure in opening, writing to, or closing the report file.
- Error retrieving data from the database.

Severity: 8

TF0083 **Unable to complete print request - see the error log**

Explanation: An error occurred while attempting to print the selected item. View the error log to determine the exact nature of any problems encountered. The possible causes of this error are listed below:

- Failure in opening, writing to, or closing the print file.
- Error retrieving data from the database.
- Error converting a date or status from its internal format to a displayable format.

Severity: 8

TF0084 **Your request to Update network status was successfully submitted**

Explanation: A request was submitted to update status information with recent network activity. Updating network status is a background task; therefore, the updated statuses may not be immediately available.

Severity: 0

TF0085 **An error occurred processing your request to Update network status**

Explanation: An error occurred while attempting to submit the background task that updates status information with recent network activity. The background task was not submitted.

Severity: 8

TF0086 **Your send request for network &1 failed**

Explanation: Scroll through the transactions on panel TF40 to determine which transactions' statuses are SEND REQUEST ERROR or NOT SENT NET ERROR. For those transactions, errors will have been recorded in the error log. View the error log to determine the exact nature of any problems encountered.

Severity: 8

TF0087 **Your send request for network &1 completed, but contained errors**

Explanation: Scroll through the transactions on panel TF40 to determine which transactions' statuses are SENT WITH ERRORS. For those transactions, the errors are recorded in the error log. View the error log to determine the exact nature of any problems encountered.

Severity: 4

TF0088 **Your send request for network &1 completed successfully**

Explanation: Your send request for the specified network completed successfully.

Severity: 0

TF0089 **All of the transactions you selected were successfully enveloped**

Explanation: You may continue (if you are sending transactions), or you may cancel or exit.

Severity: 0

TF0090 **Error displaying next panel**

Explanation: View the error log to determine the exact nature of any problems encountered.

Severity: 8

TF0091 **Enter both a Receive data name and a Receive data type**

Explanation: If either a Receive data name or a Receive data type is entered, both fields must be specified. Enter the field not previously specified.

Severity: 8

TF0092 **Communication routine not specified in network profile**

Explanation: In order to perform a receive, the network profile member for the requestor's network must specify a communication routine. Because this member does not specify a routine, the receive cannot be performed.

Severity: 8

TF0093 **Invalid network ID in mailbox (requestor) profile**

Explanation: The network ID in the mailbox (requestor) profile member for the specified mailbox is missing or invalid. The network ID must match the name of a member in the network profile.

Severity: 8

TF0094 **All of the transactions you selected were successfully translated**

Explanation: The translator successfully translated the transactions you selected.

Severity: 0

TF0095 **Unable to open the designated print file**

Explanation: Make sure you entered the file name correctly. If the name is correct, view the error log to determine the exact nature of any problems encountered.

Severity: 8

TF0096 **Your request completed with errors. See the print file or error log**

Explanation: Errors were encountered processing your request. The errors are described in both your designated print file and the error log.

Severity: 8

TF0097 **Invalid file type. Enter MQ, TD, TM, TS, or VS**

Explanation: You entered an invalid file type. Enter one of the following values: MQ - MQSeries Queue profile member TD - Transient Data Queue TM - Temporary Storage Queue (main storage) TS - Temporary Storage Queue (auxiliary storage) VS - ESDS VSAM file

Severity: 8

TF Messages

- Perform the Update Network Status task from the Transaction Store Facility menu.

TF0209 **An image does not exist for the transaction whose transaction handle is &1.**

Severity: 4

Problem Determination: The transaction whose transaction handle is noted in the message either has not been translated or has been translated with a severe error such that an image could not be generated.

User Response: If the transaction is a receive transaction that has not been translated, translate it.

TF0801 **Send Direction conflicts with Date delivered criteria**

Explanation: You are entering a Direction of send. You are also entering a Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0802 **Send Direction conflicts with Time delivered criteria**

Explanation: You are entering a Direction of send. You are also entering a Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0803 **Send Direction conflicts with Transaction status criteria**

Explanation: You are entering a Direction of send. You are also entering a value for Transaction status that implies a Direction of receive. These values conflict.

Severity: 8

TF0804 **Receive Direction conflicts with Transaction status criteria**

Explanation: You are entering a Direction of receive. You are also entering a value for Transaction status that implies a Direction of send. These values conflict.

Severity: 8

TF0805 **Receive Direction conflicts with Date sent criteria**

Explanation: You entered as part of your current selection criteria a Date sent, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0806 **Receive Direction conflicts with Time sent criteria**

Explanation: You entered as part of your current selection criteria a Time sent, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0807 **Receive Direction conflicts with Date enveloped criteria**

Explanation: You entered as part of your current selection criteria a Date enveloped, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0808 **Receive Direction conflicts with Time enveloped criteria**

Explanation: You entered as part of your current selection criteria a Time enveloped, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0809 **Receive Direction conflicts with Network status criteria**

Explanation: You entered as part of your current selection criteria a Network status, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0810 **Receive Direction conflicts with Functional ack pending**

Explanation: You are entering a Direction of receive. You are also entering a value for Functional ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0811 **Receive Direction conflicts with Network ack pending**

Explanation: You entered as part of your current selection criteria a value for Network ack pending, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0812 Purge date conflicts with Store Status Criteria

Explanation: You entered a store status of Purge pending - date expired as a part of your current selection criteria. You are entering a from Purge date that is in the future, which implies that the purge date has not yet expired. These values conflict.

Severity: 8

TF0813 Time sent conflicts with Transaction status criteria

Explanation: You entered as part of your current selection criteria a Transaction status which implies that a send has not yet been attempted. You are entering a value for Time sent. These values conflict.

Severity: 8

TF0814 Transaction status conflicts with Date delivered criteria

Explanation: You are entering a value for Transaction status that implies a Direction of send. You are also entering a Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0815 Transaction status conflicts with Date delivered criteria

Explanation: You are entering a value for Transaction status that implies a Direction of send. You are also entering a Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0816 Transaction status conflicts with Functional ack pending

Explanation: You are entering a value for Transaction status that implies a Direction of receive. You are also entering a value for Functional ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0817 Transaction status conflicts with Date sent criteria

Explanation: You entered as part of your current selection criteria a value for Date sent, which implies a Direction of send. You are entering a value for Transaction status that implies a Direction of receive. These values conflict.

Severity: 8

TF0818 Transaction status conflicts with Time sent criteria

Explanation: You entered as part of your current selection criteria a value for Time sent, which implies a Direction of send. You are entering a value for Transaction status that implies a Direction of receive. These values conflict.

Severity: 8

TF0819 Transaction status conflicts with Network ack pending

Explanation: You entered as part of your current selection criteria a value for Network ack pending, which implies a Direction of send. You are entering a value for Transaction status that implies a Direction of receive. These values conflict.

Severity: 8

TF0820 Transaction status conflicts with Network status criteria

Explanation: You entered as part of your current selection criteria a value for Network status, which implies a Direction of send. You are entering a value for Transaction status that implies a Direction of receive. These values conflict.

Severity: 8

TF0822 Interchange control conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering an Interchange control, which implies that an envelope exists. These values conflict.

Severity: 8

TF0823 Group control conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering a Group control, which implies that an envelope exists. These values conflict.

Severity: 8

TF0824 Transaction control conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering a Transaction control, which implies that an envelope exists. These values conflict.

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Severity: 8

TF0825 Transaction status conflicts with Date delivered criteria

Explanation: The value you are entering for Transaction status implies that a receive translation has not yet been attempted. You are also entering a Date delivered, which implies that a receive translation has occurred. These values conflict.

Severity: 8

TF0826 Transaction status conflicts with Time delivered criteria

Explanation: The value you are entering for Transaction status implies that a receive translation has not yet been attempted. You are also entering a Time delivered, which implies that a receive translation has occurred. These values conflict.

Severity: 8

TF0827 Transaction status conflicts with Date sent criteria

Explanation: You entered as part of your current selection criteria a Date sent, which implies the existence of an envelope. The value you are entering for Transaction status implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0828 Transaction status conflicts with Time sent criteria

Explanation: You entered as part of your current selection criteria a value for Time sent, which implies the existence of an envelope. The value you are entering for Transaction status implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0829 Transaction status conflicts with Network status criteria

Explanation: You entered as part of your current selection criteria a value for Network status, which implies the existence of an envelope. The value you are entering for Transaction status implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0830 Transaction status conflicts with Network ack pending

Explanation: You entered as part of your current selection criteria a value for Network ack pending, which implies the existence of an envelope. The value

you are entering for Transaction status implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0831 Interchange sender conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering an Interchange sender, which implies the existence of an envelope. These values conflict.

Severity: 8

TF0832 Interchange receiver conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering an Interchange receiver, which implies the existence of an envelope. These values conflict.

Severity: 8

TF0833 Date delivered conflicts with Functional ack pending

Explanation: You are entering a Date delivered, which implies a Direction of receive. You are also entering a value for Functional ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0834 Date delivered conflicts with Date sent criteria

Explanation: You entered as part of your selection criteria a value for Date sent, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0835 Date delivered conflicts with Time sent criteria

Explanation: You entered as part of your selection criteria a value for Time sent, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0836 Date delivered conflicts with Network status criteria

Explanation: You entered as part of your current selection criteria a value for Network status, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0837 Date delivered conflicts with Network ack pending

Explanation: You entered as part of your current selection criteria a value for Network ack pending, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0838 Date delivered conflicts with Date enveloped criteria

Explanation: You entered as part of your current selection criteria a value for Date enveloped, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0839 Date delivered conflicts with Time enveloped criteria

Explanation: You entered as part of your current selection criteria a value for Time enveloped, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0840 Application sender conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering an Application sender, which implies the existence of an envelope. These values conflict.

Severity: 8

TF0841 Application receiver conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering an Application receiver, which implies the existence of an envelope. These values conflict.

Severity: 8

TF0842 Time delivered conflicts with Functional ack pending

Explanation: You are entering a Time delivered, which implies a Direction of receive. You are also entering a value for Functional ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0843 Time delivered conflicts with Date sent criteria

Explanation: You entered as part of your current selection criteria a value for Date sent, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0844 Time delivered conflicts with Time sent criteria

Explanation: You entered as part of your current selection criteria a value for Time sent, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0845 Time delivered conflicts with Network status criteria

Explanation: You entered as part of your current selection criteria a value for Network status, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0846 Time delivered conflicts with Network ack pending

Explanation: You entered as part of your current selection criteria a value for Network ack pending, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0847 Time delivered conflicts with Date enveloped criteria

Explanation: You entered as part of your current selection criteria a value for Date enveloped, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of

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receive. These values conflict.

Severity: 8

TF0848 **Time delivered conflicts with Time enveloped criteria**

Explanation: You entered as part of your current selection criteria a value for Time enveloped, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0849 **Store status conflicts with Purge date**

Explanation: You entered as part of your current selection criteria a from Purge date that is in the future, which implies that the purge date has not yet expired. You are entering a store status of Purge pending - date expired. These values conflict.

Severity: 8

TF0851 **Application ID conflicts with Transaction status criteria**

Explanation: The Transaction status you entered as part of your current selection criteria implies that translation has not yet occurred. You are entering a value for Application ID, which implies that translation has occurred. These values conflict.

Severity: 8

TF0852 **Data format name conflicts with Transaction status criteria**

Explanation: The Transaction status you entered as part of your current selection criteria implies that translation has not yet occurred. You are entering a value for Data format name, which implies that translation has occurred. These values conflict.

Severity: 8

TF0853 **Date sent conflicts with Direction criteria**

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Date sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0854 **Date sent conflicts with Transaction status criteria**

Explanation: You entered as part of your current selection criteria a Transaction status that implies a Direction of receive. You are entering a value for Date

sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0855 **Date sent conflicts with Date delivered criteria**

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Date sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0856 **Date sent conflicts with Time delivered criteria**

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Date sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0857 **Time sent conflicts with Direction criteria**

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Time sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0858 **Time sent conflicts with Transaction status criteria**

Explanation: You entered as part of your current selection criteria a Transaction status that implies a Direction of receive. You are entering a value for Time sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0859 **Time sent conflicts with Date delivered criteria**

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Time sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0860 Time sent conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Time sent, which implies a Direction of send. These values conflict.

Severity: 8

TF0861 Network status conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Network status, which implies a Direction of send. These values conflict.

Severity: 8

TF0862 Network status conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering a value for Network status, which implies the existence of an envelope. These values conflict.

Severity: 8

TF0863 Network status conflicts with Transaction status criteria

Explanation: You entered as part of your current selection criteria a Transaction status that implies a Direction of receive. You are entering a value for Network status, which implies a Direction of send. These values conflict.

Severity: 8

TF0864 Network status conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Network status, which implies a Direction of send. These values conflict.

Severity: 8

TF0865 Network status conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Network status, which implies a Direction of send. These values conflict.

Severity: 8

TF0866 Network ack pending conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Network ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0867 Network ack pending conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a send has not been attempted. You are entering a value for Network ack pending, which implies that a send has been attempted. These values conflict.

Severity: 8

TF0868 Network ack pending conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies a Direction of receive. You are entering a value for Network ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0869 Network ack pending conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Network ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0870 Network ack pending conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for network ack pending, which implies a Direction of send. These values conflict.

Severity: 8

TF0871 Date enveloped conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Date enveloped, which implies a Direction of send. These values conflict.

TF Messages

Severity: 8

TF0872 **Date enveloped conflicts with Transaction status criteria**

Explanation: The Transaction status you entered as part of your current selection criteria implies that enveloping has not yet occurred. You are entering a value for Date enveloped, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0873 **Date enveloped conflicts with Transaction status criteria**

Explanation: You entered as part of your current selection criteria a Transaction status that implies a Direction of receive. You are entering a value for Date enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0874 **Date enveloped conflicts with Date delivered criteria**

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Date enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0875 **Date enveloped conflicts with Time delivered criteria**

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Date enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0876 **Time enveloped conflicts with Direction criteria**

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a Time enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0877 **Time enveloped conflicts with Transaction status criteria**

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering a Time enveloped, which implies that an envelope has

been created. These values conflict.

Severity: 8

TF0878 **Time enveloped conflicts with Transaction status criteria**

Explanation: You entered as part of your current selection criteria a Transaction status that implies a Direction of receive. You are entering a Time enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0879 **Time enveloped conflicts with Date delivered criteria**

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a Time enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0880 **Time enveloped conflicts with Time delivered criteria**

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a Time enveloped, which implies a Direction of send. These values conflict.

Severity: 8

TF0881 **Transaction status conflicts with Translation error level**

Explanation: The Transaction status you are entering implies that a translation has not yet been attempted. You are also entering a Translation error level, which implies that a translation has been attempted. These values conflict.

Severity: 8

TF0883 **Transaction status conflicts with Interchange control criteria**

Explanation: You entered as part of your current selection criteria an Interchange control, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0884 Transaction status conflicts with Group control criteria

Explanation: You entered as part of your current selection criteria a Group control, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0885 Transaction status conflicts with Transaction control criteria

Explanation: You entered as part of your current selection criteria a Transaction control, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0886 Transaction status conflicts with Interchange sender criteria

Explanation: You entered as part of your current selection criteria an Interchange sender, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0887 Transaction status conflicts with Interchange receiver criteria

Explanation: You entered as part of your current selection criteria an Interchange receiver, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0888 Transaction status conflicts with Application sender criteria

Explanation: You entered as part of your current selection criteria an Application sender, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0889 Transaction status conflicts with Application receiver criteria

Explanation: You entered as part of your current selection criteria an Application receiver, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0890 Transaction status conflicts with Date enveloped criteria

Explanation: You entered as part of your current selection criteria a Date enveloped, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not been created. These values conflict.

Severity: 8

TF0891 Transaction status conflicts with Time enveloped criteria

Explanation: You entered as part of your current selection criteria a value for Time enveloped, which implies that an envelope has been created. The Transaction status you are entering implies that an envelope has not yet been created. These values conflict.

Severity: 8

TF0892 Transaction status conflicts with Application ID criteria

Explanation: You entered as part of your current selection criteria an Application ID, which implies that a translation has been attempted. The Transaction status you are entering implies that a translation has not yet been attempted. These values conflict.

Severity: 8

TF0893 Transaction status conflicts with Data format name criteria

Explanation: You entered as part of your current selection criteria a Data format name whose existence implies that a translation has been attempted. The Transaction status you are entering implies that a translation has not yet been attempted. These values conflict.

Severity: 8

TF0894 Transaction status conflicts with Application control criteria

Explanation: You entered as part of your current selection criteria an Application control number, which implies that a translation has been attempted. The Transaction status you are entering implies that a translation has not yet been attempted. These values conflict.

Severity: 8

TF Messages

TF0895 Transaction status conflicts with Batch ID criteria

Explanation: You entered as part of your current selection criteria a Batch ID, which implies that a translation has been attempted. The Transaction status you are entering implies that a translation has not been attempted. These values conflict.

Severity: 8

TF0896 Application control conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a translation has not been attempted. You are entering an Application control number, which implies that a translation has been attempted. These values conflict.

Severity: 8

TF0897 Batch ID conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a translation has not been attempted. You are entering a Batch ID, which implies that translation has been attempted. These values conflict.

Severity: 8

TF0898 Transaction status conflicts with Functional ack pending

Explanation: The Transaction status you are entering implies that an envelope has not yet been created. You are also entering a value for Functional ack pending, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0899 Date sent conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that an envelope has not yet been created. You are entering a Date sent, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0900 Network ack date conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Network ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0901 Network ack date conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a send has not been attempted. You are entering a value for Network ack date, which implies that a send has been attempted. These values conflict.

Severity: 8

TF0902 Network ack date conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies a Direction of receive. You are entering a value for Network ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0903 Network ack date conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Network ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0904 Network ack date conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for network ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0905 Network ack time conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Network ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0906 Network ack time conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a send has not been attempted. You are entering a value for Network ack time, which implies that a send has

been attempted. These values conflict.

Severity: 8

TF0907 Network ack time conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies a Direction of receive. You are entering a value for Network ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0908 Network ack time conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Network ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0909 Network ack time conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for network ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0910 Functional ack time conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Functional ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0911 Functional ack time conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a send has not been attempted. You are entering a value for Functional ack time, which implies that a send has been attempted. These values conflict.

Severity: 8

TF0912 Functional ack time conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies a Direction of receive. You are entering a value for Functional ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0913 Functional ack time conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Functional ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0914 Functional ack time conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Functional ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0915 Functional ack date conflicts with Direction criteria

Explanation: You entered as part of your current selection criteria a Direction of receive. You are entering a value for Functional ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0916 Functional ack date conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies that a send has not been attempted. You are entering a value for Functional ack date, which implies that a send has been attempted. These values conflict.

Severity: 8

TF0917 Functional ack date conflicts with Transaction status criteria

Explanation: The Transaction status you entered as part of your current selection criteria implies a Direction of receive. You are entering a value for Functional ack date, which implies a Direction of send. These values conflict.

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Severity: 8

TF0918 Functional ack date conflicts with Date delivered criteria

Explanation: You entered as part of your current selection criteria a Date delivered, which implies a Direction of receive. You are entering a value for Functional ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0919 Functional ack date conflicts with Time delivered criteria

Explanation: You entered as part of your current selection criteria a Time delivered, which implies a Direction of receive. You are entering a value for Functional ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0920 Receive Direction conflicts with Functional ack date criteria

Explanation: You entered as part of your current selection criteria a Functional ack date, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0921 Receive Direction conflicts with Functional ack time criteria

Explanation: You entered as part of your current selection criteria a Functional ack time, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0922 Receive Direction conflicts with Network ack date criteria

Explanation: You entered as part of your current selection criteria a Network ack date, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0923 Receive Direction conflicts with Network ack time criteria

Explanation: You entered as part of your current selection criteria a Network ack time, which implies a Direction of send. You are entering a Direction of receive. These values conflict.

Severity: 8

TF0924 Date delivered conflicts with Functional ack date criteria

Explanation: You entered as part of your selection criteria a value for Functional ack date, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0925 Time delivered conflicts with Functional ack date criteria

Explanation: You entered as part of your selection criteria a value for Functional ack date, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0926 Date delivered conflicts with Functional ack time criteria

Explanation: You entered as part of your selection criteria a value for Functional ack time, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0927 Time delivered conflicts with Functional ack time criteria

Explanation: You entered as part of your selection criteria a value for Functional ack time, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0928 Date delivered conflicts with Network ack date criteria

Explanation: You entered as part of your selection criteria a value for Network ack date, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0929 Time delivered conflicts with Network ack date criteria

Explanation: You entered as part of your selection criteria a value for Network ack date, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0930 Date delivered conflicts with Network ack time criteria

Explanation: You entered as part of your selection criteria a value for Network ack time, which implies a Direction of send. You are entering a value for Date delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0931 Time delivered conflicts with Network ack time criteria

Explanation: You entered as part of your selection criteria a value for Network ack time, which implies a Direction of send. You are entering a value for Time delivered, which implies a Direction of receive. These values conflict.

Severity: 8

TF0932 Transaction status conflicts with Network ack date

Explanation: You are entering a value for Transaction status that implies a Direction of receive. You are also entering a value for Network ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0933 Transaction status conflicts with Network ack time

Explanation: You are entering a value for Transaction status that implies a Direction of receive. You are also entering a value for Network ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0934 Transaction status conflicts with Functional ack date

Explanation: You are entering a value for Transaction status that implies a Direction of receive. You are also entering a value for Functional ack date, which implies a Direction of send. These values conflict.

Severity: 8

TF0935 Transaction status conflicts with Functional ack time

Explanation: You are entering a value for Transaction status that implies a Direction of receive. You are also entering a value for Functional ack time, which implies a Direction of send. These values conflict.

Severity: 8

TF0936 Transaction status conflicts with Network ack date

Explanation: The Transaction status you are entering implies that an envelope has not yet been created. You are also entering a value for Network ack date, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0937 Transaction status conflicts with Network ack time

Explanation: The Transaction status you are entering implies that an envelope has not yet been created. You are also entering a value for Network ack time, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0938 Transaction status conflicts with Functional ack date

Explanation: The Transaction status you are entering implies that an envelope has not yet been created. You are also entering a value for Functional ack date, which implies that an envelope has been created. These values conflict.

Severity: 8

TF0939 Transaction status conflicts with Functional ack time

Explanation: The Transaction status you are entering implies that an envelope has not yet been created. You are also entering a value for Functional ack time, which implies that an envelope has been created. These values conflict.

Severity: 8

TR Messages

TR0001 **A mandatory data element is missing. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that a field defined as mandatory must be present in the standard data. This error is logged and the application given a return code of 8, extended return code of 1, if a field defined as mandatory is not present.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message.

TR0002 **Data element is too long. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that the data length is within the minimum/maximum lengths of a field as is was defined in the standard. This error is logged and the application given a return code of 8, extended return code of 1, if the length of a field exceeds the fields defined maximum length. For

numeric data elements decimal points and signs are not used in the determination of the data element's length.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message as well as an image of the data being used.

TR0003 **Data element is too short. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that the data length is within the minimum/maximum lengths of a field as is was defined in the standard. This error is logged and the application given a return code of 8, extended return code of 1, if the length of a field is less than the fields defined minimum length. For numeric data elements decimal points and signs are not used in the determination of the data element's length.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a

real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message.

During a receive process, a field is considered too short if the number of characters from the field in the standard data being received is less than the minimum length specification for the field in the standard definition.

During a send process, a field is considered too short if the application field being used as the source is physically incapable of producing the required minimum number of characters for the standard field. If the application field is physically capable of producing the minimum number of characters then at least the minimum number of characters will be produced for the standard field. The physical capability of an application field depends on the data type.

For data types

A,AN,AC,CH,DT,TM,Rn,Nn,Ln,Zn,HX the physical capability is the length of the application field.

For data types Bn or In with the length of 2, the physical capability is 5.

For data types Bn or In with the length of 5, the physical capability is 10.

For the Pn data type, the physical capability is one less than twice the length of the application field.

For the Hn data type with a 1 byte length, the physical capability is 3.

For the Hn data type with a 2 byte length, the physical capability is 5.

For the Hn data type with a 3 byte length, the physical capability is 8.

For the Hn data type with a length greater than 3, the physical capability is 10.

This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message as well as an image of the data being used.

TR0004 Code in ID type field not found in code list (validation table). Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group, and transaction control numbers = &3. Current Loop-ID and repetitions = *ppp...p*. Standard segment and field ID = *qqq...q*. Application field ID = *rrr...r*. Data type and value = *sss...s*. Code List (Validation table) name = *ttt...t*.

Severity: 4

Problem Determination: During the mapping process it is possible to associate a code list (validation table) with a particular standard data element. If this is done, the translator verifies that the value contained in the standard data element is one that has been defined in the specified code list (validation) table. This error is logged and the application given a return code of 8, extended return code of 1, if the value has not been defined in the validation table.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. The value of the field and the name of the code list (validation table) is also contained in the message. If it applies, an application field ID is also included in the message.

This error can be eliminated by adding the value to the code list (validation table) or by specifying a validation level of 0 during the mapping process. A validation level of 0 will inhibit the validation check.

If this error occurs during send processing and a default literal was provided during mapping, the literal will be passed against the code list (validation table). If a successful lookup is not possible, the last value attempted will be moved to the standard data.

If this error occurs during receive processing and a default literal was provided during mapping, the default literal will be returned to the application. If a default literal is not provided, the standard data value will be returned to the application.

from one date type to another fails.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message. The message shows the data being processed and the expected format. Either the source data or the expected format must be incorrect to get this error. If the source data is in error then the program creating the data must be fixed. If the expected format is in error, then the mapping needs to be updated to reflect the correct format and the control string recompiled.

TR0008 **Data element conversion failed. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s.**

Severity: 4

Problem Determination: During the mapping process it is possible that the data types of the application and standard data differ. For example, the application data may have a data type of N2 while the standard data item has a type of R. When there are differences in the data types a conversion is done at translate time to convert the the data from one type to another. This error is logged and the application given a return code of 8, extended return code of 1, when the conversion from one data type to another fails. An example would be a application field defined as N2 containing something other than numeric characters (0-9).

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being flagged in error as well as the type and value of data that is being converted. The data being converted must be changed to contain valid values for the data type, or the data type must be changed to match the data values.

TR0009 **Standard field length exceeds the application field length. Character data truncated, numeric data initialized to a zero value. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 1, if the length of the processed standard data exceeds the length of the receiving application field.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. If truncation is not desired then the application field identified in the message must be expanded and all control strings using the modified data format name must be recompiled.

TR0010 **The standard defines data elements &1 as paired, but the transaction includes only &2. If one is present, all must be present. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qq...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 1, if the fields within a segment violate the conditionality defined for those fields in the standard.

This is considered a level 1 error. The translator will continue processing and when the translation is

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complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. To remove this error, the conditionality of the fields must be satisfied or the conditionality must be removed from the segment definition.

TR0011 **The standard defines data elements &1 as required, but all are missing from the transaction. At least one must be present. Internal Trading Partner ID and Data Format = &2. Transaction handle, code, mode, and function = &3. Interchange, group and transaction control numbers = ppp...p. Current Loop-ID and repetitions = qq...q. Standard segment and field ID = rrr...r.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 1, if the fields within a segment violate the conditionality defined for those fields in the standard.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. To remove this error, the conditionality of the fields must be satisfied or the conditionality must be removed from the segment definition.

TR0012 **The standard defines data elements &1 as mutually exclusive, but the transaction includes &2. Only one may be present. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qq...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return

code of 1, if the fields within a segment violate the conditionality defined for those fields in the standard.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. To remove this error, the conditionality of the fields must be satisfied or the conditionality must be removed from the segment definition.

TR0013 **The standard defines data elements &1 as conditional, but only elements &2 are present in the transaction. If the first is present, all the others must be present. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qq...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 1, if the fields within a segment violate the conditionality defined for those fields in the standard.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. To remove this error, the conditionality of the fields must be satisfied or the conditionality must be removed from the segment definition.

TR0014 **The standard defines data elements &1 as conditionally paired. The transaction includes &2, but none of the others is present. If the first is present, at least one of the others must be present. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qqg...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 1, if the fields within a segment violate the conditionality defined for those fields in the standard.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. To remove this error, the conditionality of the fields must be satisfied or the conditionality must be removed from the segment definition.

TR0015 **Mandatory composite data element &1 is missing. Internal Trading Partner ID and Data Format = &2. Transaction handle, code, mode, and function = &3. Interchange, group and transaction control numbers = ppp...p. Current Loop-ID and repetitions = qqg...q. Standard segment and field ID = rrr...r.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that a field defined as mandatory must be present in the standard data. This error is logged and the application given a return code of 8, extended return code of 1, if a field defined as mandatory is not present.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned

to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being flagged in error.

TR0016 **Data value is not consistent with data type. Internal Trading Partner ID and Data Format = &1. Transaction key, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qqg...q. Application field ID = rrr...r. Data type and value = sss...s.**

Severity: 4

Problem Determination: During the mapping process it is possible to request that data values be validated according to their data type. This error is logged and the application given a return code of 8, extended return code of 1, when the data value is not valid based on the data type. An example would be a application field defined as N2 containing something other than numeric characters (0-9).

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. This level of validation is only done when the validation level specified during the mapping process is 2. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message.

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TR0017 An increment on an accumulator would have caused the accumulator value to exceed 31 characters. Increment operation was ignored and the accumulator is not changed. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = *ppp...p*. Standard segment and field ID = *qqq...q*. Application field ID = *rrr...r*. Accumulator and value = *sss...s*.

Severity: 4

Problem Determination: The maximum length of an accumulator value is 31 digits. This error is logged and the application given a return code of 8, extended return code of 1, if an increment operation would have caused the accumulator value to overflow.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being processed at the time of the overflow. If it applies, the application field is also contained in the log message. If the accumulator value legitimately exceeds 31 digits a limitation has been reached. Otherwise check the mapping to determine where the accumulator is referenced and then check the data values contributing to the value to see which values are larger than expected.

TR0018 An addition to an accumulator would have caused the accumulator value to exceed 31 characters. The operation was ignored and the accumulator is not changed. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = *ppp...p*. Standard segment and field ID = *qqq...q*. Application field ID = *rrr...r*. Data type and value = *sss...s*. Accumulator and value = *ttt...t*.

Severity: 4

Problem Determination: The maximum length of an accumulator value is 31 digits. This error is logged and

the application given a return code of 8, extended return code of 1, if an attempt to add to an accumulator would have caused the accumulator value to overflow.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being processed at the time of the overflow. If it applies, the application field is also contained in the log message. If the accumulator value legitimately exceeds 31 digits a limitation has been reached. Otherwise check the mapping to determine where the accumulator is referenced and then check the data values contributing to the value to see which values are larger than expected.

TR0019 Error obtaining storage to process a binary segment. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = *ppp...p*. Standard segment and field ID = *qqq...q*. Application field ID = *rrr...r*. Data type and value = *sss...s*.

Severity: 4

Problem Determination: The current transaction mapping has specified that the source of data for a binary segment (BIN) or the destination of data within a binary segment is a file rather than the application buffer. The translator attempts to obtain a buffer that is as large as the logical record length for the file for the purpose of reading/writing the file. This error is logged and the application given a return code of 8, extended return code of 2, if the attempt to get storage fails.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation

process. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message. The data type and value section of the message will identify the file being processed when the error occurred.

Increase the region size and if the problem persists contact the support center.

TR0020 **Error opening a file while processing a binary segment. Internal Trading Partner ID and Data Format = xxx...x. Transaction handle, code, mode, and function = yyy...y. Interchange, group and transaction control numbers = zzz...z. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s. Return code and extended return code = ttttttttttttt.**

Severity: 4

Problem Determination: The current transaction mapping has specified that the source of data for a binary segment (BIN) or the destination of data within a binary segment is a file rather than the application buffer. This error is logged and the application given a return code of 8, extended return code of 2, if the attempt to open this file fails.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message. The data type and value section of the message will identify the file being processed when the error occurred.

Make sure the file exists at the time of the translation.

If the error persists, yet the DDNAME or dataset name is correct, contact the support center.

TR0021 **Error reading a file while processing a binary segment. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s. Return codes and extended return codes = ttttttttttttt.**

Severity: 4

Problem Determination: The current transaction mapping has specified that the source of data for a binary segment (BIN) is a file rather than the application buffer. This error is logged and the application given a return code of 8, extended return code of 2, if the attempt to read this file fails.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message. The data type and value section of the message will identify the file being processed when the error occurred.

If the filename specified can be read by others, but not by then contact the support center.

TR0022 **Error writing a file while processing a binary segment. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s. QSAM return codes and extended return codes = ttttttttttttt.**

Severity: 4

Problem Determination: The current transaction mapping has specified that the destination of data from a binary segment (BIN) is a file rather than the application buffer. This error is logged and the application given a return code of 8, extended return code of 2, if the attempt to write this file fails.

This is considered a level 2 error. The translator will

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continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being flagged in error. If it applies, the application field used as the source for the standard field is also contained in the log message. The data type and value section of the message will identify the file being processed when the error occurred.

Check the return codes in the message against the return codes documented by the file handler to determine the appropriate action.

TR0023 **Data from the current standard field is causing data from a previous field to be overlaid within the data format. Internal Trading Partner ID and Data Format = xxx...x. Transaction handle, code, mode, and function = yy...y. Interchange, group and transaction control numbers = zzz...z. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Application field ID = rrr...r. Data type and value = sss...s. Old value in Data format = tt...t.**

Severity: 4

Problem Determination: During the mapping process it is possible to instruct to check to see if data being mapped for one field is causing the data that was mapped from a previous field to be overlaid. This specification is provided on the Mapping 'Send Map Usage - DI Options' dialogue. This error is logged and the application given a return code of 8, extended return code of 1, if a data overlay occurs.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The message identifies the segment and field that is being processed when the data overlay occurs, the field that is being overlaid and the value that is being overlaid.

A data overlay could be caused

if you map a field within a repeating segment to a non-repeating field within the data format and more than one standard segment is received when only one was expected.

if you provide a qualified mapping for a loop/segment/field expecting only one occurrence of the standard data to match your qualification but multiple occurrences are sent by your trading partner.

TR0024 **Unexpected standard field data has been received. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Value of standard field = rrr...r.**

Severity: 4

Problem Determination: During the mapping process it is possible to instruct that standard data received that was not expected should be treated as an error situation. This specification is made on the Mapping 'Receive Map Usages - DI Options' dialogue. This error is logged and the application given a return code of 8, extended return code of 1, if a field was not mapped but is present in a standard segment that was mapped.

This is considered a level 1 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The original transaction remains in the transaction store so the mapping may be changed to pick up the data previously not mapped and the transaction retranslated.

TR0025 **A duplicate transaction has been detected within the current interchange. This transaction will be skipped during deenveloping and translation. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp.**

Severity: 8

Problem Determination: There are multiple transactions within the current interchange that have the same transaction control number. Transaction control numbers must be unique within a group or

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continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and field that is being flagged in error. The system that generated the data being processed must be updated to only send segments that are valid for the transaction or the transaction definition must be updated to reflect the segments that are being received.

TR0052 **Mandatory segment missing. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qqg...q.**

Severity: 8

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that a segment defined as mandatory must be present. This error is logged and the application given a return code of 8, extended return code of 2, if a segment defined as mandatory does not appear in the standard data.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment that is being flagged in error. During the receive process this error will only be logged if the segment is physically not present in the received data and the segment was mapped. To eliminate the error, the trading partner must send all mandatory segments or the transaction definition needs to be modified so the segment is not flagged as mandatory. During the send process this error will only be logged if no application data is provided to create the mandatory mapped segment. To eliminate the error, the application data must be modified to include fields necessary for creation of the segment or the transaction definition needs to be modified so the segment is not flagged as mandatory.

TR0053 **Maximum number of records or structures as defined in the data format has been exceeded. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qqg...q. Application field ID = rrr...r.**

Severity: 4

Problem Determination: During the data format definition process, a record or structure is given a maximum use count to indicate the number of times the given record or structure appears in the application data. This error is logged and the application given a return code of 8, extended return code of 2, when the number of instances of the loop or repeating segment in the STANDARD data exceeds the value specified in the data format. This error will only be generated if the target application data is defined as a structure. If the target application data is defined as a record, then each instance from the STANDARD will be returned to the application.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the instance of the segment that is causing the error and the application structure whose limit has been exceeded. If all the instances are wanted, then the maximum use count for the application structure must be increased or the target application structure needs to be defined as a record.

TR0054 **Loop repeats more times than defined by the standard. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p.**

Severity: 4

Problem Determination: During standards definition a loop is given a maximum repetition count. This error is logged and the application given a return code of 8, extended return code of 2, when the number of instances of loop in the STANDARD data exceeds the value specified during transaction definition.

This is considered a level 2 error. The translator will

continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the loop instance that is causing the error. This error can be eliminated by updating the maximum loop count for a loop to match the maximum number of repetitions you intend to create or receive.

TR0055 **Segment repeats more times than defined by the standard. Internal Trading Partner ID and Data Format = xxx...x. Transaction handle, code, mode, and function = yy...y. Interchange, group and transaction control numbers = zzz...z. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q.**

Severity: 4

Problem Determination: During standard transaction definition the maximum number of times a segment may repeat is defined. This error is logged and the application given a return code of 8, extended return code of 2, when the number of instances of the segment exceeds the amount defined during transaction definition.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the segment and repetition that is causing the error. This error can be eliminated by updating the maximum repetition count for a segment to match the maximum number of repetitions you intend to create or receive.

TR0056 **Unexpected standard segment data has been received. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qq...q. Contents of standard segment = rrr...r.**

Severity: 4

Problem Determination: During the mapping process it is possible to instruct that standard data received that was not expected should be treated as an error situation. This specification is made on the Mapping 'Receive Map Usage - DI options' dialogue. This error is logged and the application given a return code of 8, extended return code of 2, if a segment that was not mapped is present in the standard data.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. The original transaction remains in the transaction store so the mapping may be changed to pick up the data previously not mapped and the transaction retranslated.

TR0057 **Application data received out of hierarchical sequence. Record &1 has been received without first receiving its parent record &2. A blank &3 record has been provided. Internal Trading Partner ID and Data Format = ppp...p. Transaction handle, code, mode, and function = qq...q.**

Severity: 4

Problem Determination: When a trading partner send usage record is created it is possible to set a flag indicating that should consider it an error if the data passed to during a send translate function is not consistent with the hierarchy defined in the data format definition. This error is logged and the application given a return code of 8, extended return code of 2, if the records passed to the translator are not consistent with the hierarchy defined for those records. For example, If record B were defined as part of record A, and record B were passed to the translator before record A, an error would be issued.

will automatically create the records necessary for a

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valid hierarchy and these records will be initialized with blank values.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the record that is not valid and the record that should have been provided first according to the hierarchy defined in the data format.

The error message can be eliminated by

1. Updating the application providing the data so that the data is provided according to the hierarchy defined.
2. Update the data format definition to match the data that is being provided by the application.
3. Updating the send usage record so that the "Enforce application hierarchy" flag is no (N).

TR0058 **The creation of a loop has been aborted and application data has been skipped. An &1 application record was provided but it did not contain data that resulted in the first segment of the loop being produced. This occurrence of the loop will not be generated and all data associated with this occurrence of the &2 record will be skipped. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qqg...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s.**

Severity: 4

Problem Determination: When a mapping trading partner send usage record is created it is possible to set a flag indicating that should consider it an error if an application record has been provided but the record did not produce any standard data. This only applies when a record is associated with a loop or repeating-segment using multiple occurrence mapping. This error is logged and the application given a return code of 8, extended return code of 2, if a record was provided but no standard data was produced.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a send process, an acceptable

error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the record that resulted in the error and the loop that was aborted.

The error message can be eliminated by

1. Updating the application providing the data so that if a record is provided it contains the necessary data to produce standard data as output. The most common example is a record that contains all blank data.
2. Updating the send usage record so that the "Structure must produce data" flag is no (N).

TR0059 **The creation of a repeating segment has been aborted and application data has been skipped. An &1 application record was provided but it did not contain data that resulted in a segment being produced. This occurrence of the repeating segment will not be generated. Internal Trading Partner ID and Data Format = &2. Transaction handle, code, mode, and function = &3. Interchange, group and transaction control numbers = ppp...p. Current Loop-ID and repetitions = qqg...q. Standard segment and field ID = rrr...r.**

Severity: 4

Problem Determination: When a mapping trading partner send usage record is created it is possible to set a flag indicating that should consider it an error if an application record has been provided but the record did not produce any standard data. This only applies when a record is associated with a loop or repeating-segment using multiple occurrence mapping. This error is logged and the application given a return code of 8, extended return code of 2, if a record was provided but no standard data was produced.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the record that resulted in the error and the segment that was aborted.

The error message can be eliminated by

1. Updating the application providing the data so that if a record is provided it contains the necessary data

to produce standard data as output. The most common example is a record that contains all blank data.

- Updating the send usage record so that the "Structure must produce data" flag is no (N).

TR0060 **The creation of a segment has been aborted and application data has been skipped. An &1 application record was provided but it did not contain data that resulted in a segment being produced. Internal Trading Partner ID and Data Format = &2. Transaction handle, code, mode, and function = &3. Interchange, group and transaction control numbers = ppp...p. Current Loop-ID and repetitions = qq...q. Standard segment and field ID = rrr...r.**

Severity: 4

Problem Determination: When a mapping trading partner send usage record is created it is possible to set a flag indicating that should consider it an error if an application record has been provided but the record did not produce any standard data. This only applies when a record is associated with a loop or repeating-segment using multiple occurrence mapping or when a segment is created from a single record. This error is logged and the application given a return code of 8, extended return code of 2, if a record was provided but no standard data was produced.

This is considered a level 2 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The message identifies the record that resulted in the error and the segment that was aborted.

The error message can be eliminated by

- Updating the application providing the data so that if a record is provided it contains the necessary data to produce standard data as output. The most common example is a record that contains all blank data.
- Updating the send usage record so that the "Structure must produce data" flag is no (N).

TR0100 **Transaction set header is missing or invalid. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that transaction headers appear when they are expected. This error is logged and the application given a return code of 8, extended return code of 4, if a transaction header is not found where one is expected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the functional group where the invalid format is detected will be skipped and translation will continue with the next functional group in the envelope.

Note: If this envelope does not have functional groups, the extended return code will be 5 and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0101 **Transaction set control numbers do not match in header and trailer. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction set control number in header = pppppppppppppppp. Transaction set control number in trailer = qqqqqqqqqqqqqq. Current record number = rrrrrrrrrr. Usage indicator = ssssssssss.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that a transaction header and a transaction trailer are consistent. This error is logged and the application given a return code of 8, extended return code of 3, if the control numbers in the header and trailer do not match.

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This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction where the invalid format is detected will be skipped and translation will continue with the next transaction in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0102 **Transaction set trailer is missing or invalid. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that transaction trailers appear when they are expected. This error is logged and the application given a return code of 8, extended return code of 4, if a transaction trailer is not found where one is expected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the functional group where the invalid format is detected will be skipped and translation will continue with the next functional group in the envelope.

Note: If this envelope does not have functional groups, the extended return code will be 5 and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0103 **Transaction set trailer contains invalid segment count. Trading Partner ID = &1. Interchange Control number = &2. Group Control number = &3. Transaction Control number = pppppppppppppppp. Number of segments counted = qqqqqqqqqq. Segment count in transaction set trailer = rrrrrrrrrr. Current record number = ssssssssss. Usage indicator = tttttttttt.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that the segment count in the transaction trailer matches the actual count of segments between the header and trailer. This error is logged and the application given a return code of 8, extended return code of 3, if a count in the trailer does not match the actual number of segments.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction where the invalid format is detected will be skipped and translation will continue with the next transaction in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0104 **RECEIVE mapping definition not found for this trading partner transaction. Senders Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Standard Transaction ID = qq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: During receive processing, the translator extracts the sender's ID from the interchange segment, the usage indicator from the interchange segment, the group sender and group receiver ID's from the group header segment, and the transaction code from the transaction header segment. These fields are used to locate the mapping (trading partner transaction) definition which defines the movement of data from the standard to the data format. This error is logged and the application given a

return code of 8, extended return of 3, if the attempt to retrieve the trading partner transaction definition results in a not found condition.

If this is a test mapping the translator will look for a test usage record followed by a production usage record. If this is an information mapping the translator will look for an information usage record followed by a production usage record. If this is a production mapping only a production usage will be used.

The translator first looks for a receive usage with the trading partner ID derived from the above process and if not found, it will look for a generic receive usage which is one with a trading partner ID of an ampersand (&) followed by all blanks. Other fields of the generic receive usage (such as application routing) can be specified as with the normal receive usage.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction will be skipped and translation will continue with the next transaction in the envelope.

User Response: Any of the following actions may be appropriate:

- For a production mapping make sure there is a production usage that has been activated.
- Use the on-line Mapping (Trading Partner Transaction) Definition facility to create and activate a receive mapping usage for the trading partner ID, data format ID, agency code, version, and/or release, standard transaction ID and usage indicator, or create and activate a generic receive usage with an ampersand (&) in the trading partner nickname and any of the other receive usage key fields.
- If the mapping (trading partner transaction) exists, yet the error is still reported, verify that the databases and files used for on-line processing are the same ones used for the translation process.
- Contact the Support Center if none of the above applies.

TR0105 **Security profile member not found. Profile name = &1. Profile member name = &2. Internal Trading Partner ID = &3. Interchange control number = pppppppppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: A security profile member name is specified in the trading partner profile to indicate the security programs that should process data received from this trading partner. This error is logged when the Security Profile member can not be found. If the input requires the security segment other errors will result and be logged indicating programs are not available to process the input data.

The record number in this message is the record within the standard data being read when the error was

detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Update the Security profile member name in the trading partner profile member to one of the members in the SECUPROF profile.
- Add the required member to the SECUPROF profile.
- If the entry already exists and you still get this error, then verify that the databases and files used for on-line processing match the ones used by the translation process.
- Contact the support center if none of the above applies.

TR0106 **Authentication produced a MAC value that does not match received value. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. MAC value received = qqqqqqqqqq. MAC value expected = rrrrrrrrrr. Usage indicator = ssssssssss.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that a MAC value received in an SxE segment must match the MAC value generated by running the same data through the authentication routine. This error is logged and the application given a return code of 8, extended return code of 3, if the MAC values do not match.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction where the invalid format is detected will be skipped and translation will continue with the next transaction in the envelope.

User Response: Any of the following actions may be appropriate:

- Validate that the authentication routine and key values used by your trading partner is consistent with what you are using.
- Contact the support center if the values appear to be correct but the error persists.

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TR0107 **An SxS segment was not found for an SxE segment. This part of the data will be skipped. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Current record number = qqqqqqqqqq.**

Severity: 8

Problem Determination: An SxE segment was present in the input data but the SxS segment was not found. data. This error is logged and the application given a return code of 8, extended return code of either 4 or 3 depending on which of S1S or S2S is missing.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction or group where the invalid format is detected will be skipped and translation will continue with the next transaction/group in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Correct the format of the envelope data.

TR0108 **An SxE segment was not found for an SxS segment. This part of the data will be skipped. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Current record number = qqqqqqqqqq.**

Severity: 8

Problem Determination: An SxS segment was present in the input data but the SxE segment was not found. data. This error is logged and the application given a return code of 8, extended return code of either 4 or 3 depending on which of S1E or S2E is missing.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction or group where the invalid format is detected will be skipped and translation will continue with the next transaction/group in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- The length specified in the SxS segment might be incorrect. If so, the program creating the SxS segment must be corrected.
- If the length appears to be correct but the error is still reported then make sure there are no trailing blanks at the end of records if FIXED BLOCKED records are being used in the dataset containing the envelope.

TR0109 **A receive translate can not be done against a transaction with a direction of send. Only received transactions can be receive translated. Transaction store key value = &1.**

Severity: 8

Problem Determination: An attempt was made to receive translate a send type transaction. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Update the program making the call or the program creating the transaction key value so that receive translate is only attempted against received transactions.

TR0110 **Call to retrieve a transaction from the transaction store failed. Transaction store key value = &1. Transaction store return code = &2. Transaction store extended return code = &3.**

Severity: 8

Problem Determination: Errors were returned on an attempt to retrieve a transaction from the transaction store. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Any of the following actions may be appropriate:

- Update the program making the call or the program creating the transaction key value so that the key value matches a transaction within the transaction store.
- Look at the status log and check for a repository error which may indicate there is something wrong with the database.

TR0111 **An ENVELOPE function can not be done against a transaction with a direction of receive. Only send transactions can be enveloped. Transaction store key value = &1.**

Severity: 8

Problem Determination: An attempt was made to envelope a receive type transaction. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Update the program making the call or the program creating the transaction key value so that an envelope is only attempted against send transactions.

TR0112 **A receive translate can not be done against a transaction that does not have an associated envelope or group segment image. Transaction store key value = &1.**

Severity: 8

Problem Determination: An attempt was made to receive translate a transaction that does not have a group or envelope image. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Update the program making the call or the program creating the transaction key value so that receive translate is only attempted against transactions with envelope or group images.

TR0113 **An attempt was made to envelope a transaction that is part of a bundle without first enveloping the controlling transaction for that bundle. Transaction store key value = &1. Controlling transaction store key value = &2.**

Severity: 8

Problem Determination: An attempt was made to envelope a transaction that is part of a bundle without first enveloping the controlling transaction for that bundle. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Update the program making the call so that the controlling transaction of a bundle is enveloped before any of its members are enveloped. This error will only occur when using the application programming interface. facilities and utilities ensure transactions are enveloped in the proper sequence.

TR0114 **An attempt was made to envelope a transaction that was not translated successfully. Transaction store key value = xxxxxxxxxxxxxxxxxxxxxx. Controlling transaction store key value = yyyyyyyyyyyyyyyyyyy.**

Severity: 8

Problem Determination: An attempt was made to envelope a transaction that did not have a successful translation. This error is logged and the application given a return code of 8, extended return code of 3.

User Response: Update the program making the call so that enveloping is not requested for the transaction in error. If the utilities are being used this error will most likely occur because a bundle is being enveloped

and one of the transactions in the bundle had an unsuccessful translation. If this occurs, the entire bundle will not be enveloped and enveloping will continue with the next transaction that is not part of the current bundle.

TR0115 **The application field(s) containing the transaction control number was not provided or the field resulted in no output data. The transaction will be rejected. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3.**

Severity: 4

Problem Determination: During the mapping process, the &TCN; special literal was used to identify the field or fields that should be used from the application data as the source for the transaction (message) control number. This error is logged and the application given a return code of 8, extended return code of 3, if the application fields identified during the mapping process are not present in the data provided or the processing of the fields resulted in no data being produced. No data would be produced if

1. Alpha field contained all blanks
2. Numeric field contained all zeros
3. Code List (Validation table) entry not found
4. Translation table entry not found
5. User exit had an error or returned no data

This is considered a level 3 error and no further processing of this transaction will be attempted.

User Response:

The error message can be eliminated by updating the application providing the data so that the fields identified in the mapping are provided and contain the data necessary to create a transaction control number.

TR0116 **An application assigned transaction control number is a duplicate of another transaction within the group or envelope. The transaction will be rejected. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3.**

Severity: 4

Problem Determination: During the mapping process, the &TCN; special literal was used to identify the field or fields that should be used from the application data as the source for the transaction (message) control number. This error is logged and the application given a return code of 8, extended return code of 3, if the application fields identified during the mapping

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process result in a transaction control number that is a duplicate of some other transaction within the same group (or envelope if groups are not being used).

This is considered a level 3 error and no further processing of this transaction will be attempted.

User Response:

The error message can be eliminated by updating the application providing the data so that the fields identified in the mapping are provided and contain the data necessary to create a unique transaction control number.

TR0117 **Call to Selection Service failed on a request for transaction details. Transaction handle, code, mode, and function = &1. Transaction Store Return Code = &2. Transaction Store Extended Return Code = &3.**

Severity: 12

Problem Determination: When the translator is called with a request for transaction details it invokes the Transaction Store Services component of to retrieve all known information about the specified transaction. If this request results in an error then this error message will be logged and the application will receive a return code of 8, extended return code of 3.

User Response: Use the return code and extended return code from the message and look at the Transaction Store Services return code section of the document to determine what action should be taken.

There may be other entries in the log which indicate the type of error that occurred such as a DB2 log message indicating the type of DB2 error that occurred if any.

TR0118 **An application request was made to retrieve a transaction, functional acknowledgment, or transaction acknowledgment image and an error was returned by Transaction Store services in attempting to retrieve the image. Transaction handle, code, mode, and function = &1. Key for the image being retrieved = &2. Transaction Store Return Code = &3. Transaction Store Extended Return Code = pppppp.**

Severity: 12

Problem Determination: When the translator is called with a request for an image it invokes the Transaction Store Services component of to retrieve the image from the database. If this request results in an error then this error message will be logged and the application will receive a return code of 8, extended return code of 3.

User Response: Use the return code and extended return code from the message and look at the

Transaction Store Services return code section of the document to determine what action should be taken.

There may be other entries in the log which indicate the type of error that occurred such as a DB2 log message indicating the type of DB2 error that occurred if any.

TR0119 **An application request was made to retrieve a transaction, functional acknowledgment, or transaction acknowledgment image but the image requested does not exist. Transaction handle, code, mode, and function = &1.**

Severity: 12

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 3, when a request for an image is made but the image does not exist. For example, a request for a transaction acknowledgment image is made and no transaction acknowledgment for the current transaction exists.

User Response: Update the application making the request so that requests are not made for images that are not present.

TR0120 **An application request was made to retrieve a transaction, functional acknowledgment, or transaction acknowledgment image but the transaction or group on which the image is based has not been established. Transaction handle, code, mode, and function = &1.**

Severity: 12

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 3, when a request for an image is made but the base record on which the image is based has not been established yet. A transaction image or a transaction acknowledgment image may not be requested until the transaction has been retrieved. A functional acknowledgment image may not be requested until the group has been retrieved.

User Response: Update the application making the request so that requests are not made for images before the record which establishes the image has been retrieved.

TR0121 **An attempt was made to envelope a transaction that does not have the correct status. Transaction store key value = &1. Controlling transaction store key value = &2.**

Severity: 8

Problem Determination: An attempt was made to

envelope a transaction that did not have a status. This message will only occur when the -envchk- of the translator interface control block has a value of 1 or 2. A value of 1 indicates a check should be made to verify that a transaction has a valid status for an envelope operation. A value of 2 indicates a check should be made to verify that a transaction has a valid status for an reenvelope operation. This error is logged and the application given a return code of 8, extended return code of 3 if the transactions status is not correct.

A PERFORM ENVELOPE with VERIFY(Y) will use set envchk to 1.

A PERFORM REENVELOPE with VERIFY(Y) will use set envchk to 2.

User Response: Update the program making the call so that enveloping is not requested for the transaction in error. If the utilities are being used this error will most likely occur because a bundle is being enveloped and one of the transactions in the bundle had an unsuccessful translation. If this occurs, the entire bundle will not be enveloped and enveloping will continue with the next transaction that is not part of the current bundle.

The error could also occur if more than one job is attempting to envelope transactions concurrently and they have some transactions in common because of selection criteria overlap.

TR0122 **A &1 operation was attempted using a value of &2. There is no usage defined with an application sender ID value matching that value. The operation will be ignored and translation will continue but will yield a level 3 error. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qq...q. Current Loop-ID and repetitions = rrr...r. Map ID = ssssssssssssss.**

Severity: 4

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 3, if a usage is not defined that matches the value specified in the DIMAPSWITCH or DIMAPCHAIN variable.

This is considered a level 3 error. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. An acceptable error level will result in data being returned to the application.

User Response: This translation process continues but the severity level will prohibit any data being returned to the application. Either the map needs to be changed so that a defined value is specified for DIMAPSWITCH

or DIMAPCHAIN or a usage must be created and activated that specifies an application sender ID value that matches the variable value.

TR0150 **Functional group header is missing or invalid. Trading Partner ID = &1. Interchange control number = &2 Last group control number = &3 Current record number = pppppppppppp. Usage indicator = qqqqqqqqqq.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that group headers appear when they are expected. This error is logged and the application given a return code of 8, extended return code of 5, if a group header is not found where one is expected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0151 **Functional group control numbers do not match in header and trailer. Trading Partner ID = &1. Interchange control number &2. Control number in functional group header = &3. Control number in functional group trailer = pppppppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that a group header and a group trailer are consistent. This error is logged and the application given a return code of 8, extended return code of 4, if the control numbers in the header and trailer do not match.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the group where the invalid format is detected

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will be skipped and translation will continue with the next group in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0152 **Functional group trailer is missing or invalid. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Current record number = pppppppppp. Usage indicator = qqqqqqqqq.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that group trailers appear when they are expected. This error is logged and the application given a return code of 8, extended return code of 5, if a group trailer is not found where one is expected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0153 **Functional group trailer contains invalid transaction count. Trading Partner ID = &1. Interchange control number = &2. Group number = &3. Number of transactions counted = pppppppppp. Transaction count in functional group trailer = qqqqqqqqq. Current record number = rrrrrrrrrr. Usage indicator = ssssssssss.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that the transaction count in the group trailer matches the actual count of transactions between the header and trailer. This error is logged and the application given a return code of 8, extended return code of 4, if a count in the trailer does not match the actual number of transactions.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the group where the invalid format is detected will be skipped and translation will continue with the next group in the envelope.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0154 **Authentication produced a MAC value that does not match received value. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. MAC value received = pppppppppp. MAC value expected = qqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that a MAC value received in an SxE segment must match the MAC value generated by running the same data through the authentication routine. This error is logged and the application given a return code of 8, extended return code of 4, if the MAC values do not match.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the group where the invalid format is detected

will be skipped and translation will continue with the next group in the envelope.

User Response: Any of the following actions may be appropriate:

- Validate that the authentication routine and key values used by your trading partner is consistent with the values you are using.
- Contact the support center if the values appear to be correct but the error persists.

TR0155 **Authentication program required but not defined. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Security profile member name = qqqqqqqqq. Partial SxS segment image = rrr...r.**

Severity: 8

Problem Determination: An SxS segment present in the input data dictates that an authentication against the data be done but an authentication program has not been defined. This error is logged and the application given a return code of 8, extended return code of 3 for an S2S segment or a 4 for an S1S segment.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction or group where the invalid format is detected will be skipped and translation will continue with the next transaction/group in the envelope.

User Response: Any of the following actions may be appropriate:

- Update the specified security profile member with the name of the authentication program.
- If a security profile member name is not present in the above message, create a security profile member and update your trading partner profile member to use the entry just created.

TR0156 **Encryption program required but not defined. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Security profile member name = qqqqqqqqq. Partial SxS segment image = rrr...r.**

Severity: 8

Problem Determination: An SxS segment present in the input data dictates that the data that follows has been encrypted but an encryption program has not been defined. This error is logged and the application given a return code of 8, extended return code of 3 for an S2S segment or a 4 for an S1S segment.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction or group where the invalid format is detected will be skipped and translation will continue with the next transaction/group in the envelope.

User Response: Any of the following actions may be appropriate:

- Update the specified security profile member with the name of the encryption program.
- If a security profile member name is not present in the above message, create a security profile member and update your trading partner profile member to use the entry just created.

TR0157 **Filtering program required but not defined. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppppp. Security profile member name = qqqqqqqqq. Partial SxS segment image = rrr...r.**

Severity: 8

Problem Determination: An SxS segment present in the input data dictates that the data that follows has been filtered but a filtering program has not been defined. This error is logged and the application given a return code of 8, extended return code of 3 for an S2S segment or a 4 for an S1S segment.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the transaction or group where the invalid format is detected will be skipped and translation will continue with the next transaction/group in the envelope.

User Response: Any of the following actions may be appropriate:

- Update the specified security profile member with the name of the filtering program.
- If a security profile member name is not present in the above message, create a security profile member and update your trading partner profile member to use the entry just created.

TR0158 **A duplicate group has been detected within the current interchange. This group will be skipped during deenveloping and translation. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3.**

Severity: 8

Problem Determination: There are multiple groups within the current interchange that have the same

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group control number. Group control numbers must be unique within an interchange. This error is logged and the application given a return code of 8, extended return code of 4 when duplicate groups are detected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the group where the duplicate is detected will be skipped and translation will continue with the next group in the interchange.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend the interchange with proper group control numbers.

TR0200 **Interchange envelope header is missing or invalid. &1 bad records found in mailbox (requestor) &2's input file &3 before encountering pppppppppppp in qqqqqqqqqqqq processing mode.**

Severity: 8

Problem Determination: The translator reads the input file and checks the first characters of each record read to see if they match any of the supported envelope segment ID's (ISA, UNA, UNB, BG). This error is logged and the application given a return code of 8, extended return code of 6, if there are records in the file which can not be identified as the start of an envelope.

This is a warning message from the translator and does not terminate the translation process. It is issued to let the application know that invalid data either precedes or follows an envelope. All invalid data will be skipped and translation will continue with the next valid envelope found in the file.

User Response: Any of the following actions may be appropriate:

- It could be that when the data was received from the network, messages and/or files were received as well as standard data. Use the message user class when doing the receive so that only standard data is received.
- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0201 **Interchange envelope header contains invalid Sender ID. Sender's ID from interchange envelope = &1. Failed to find match to Sender's ID in current profiles. Profile searched = &2. Search-key field = &3. Interchange control number = pppppppppppppppp. Current record number = qqqqqqqqqqqq.**

Severity: 8

Problem Determination: The translator extracts the sender ID from the interchange envelope and uses this ID to query the trading partner profile database to find a matching entry. The following search order is used in an attempt to determine the trading partner:

1. The sender's ID and sender's qualifier from the envelope are used to find a match with the Interchange ID and Interchange qualifier fields in the trading partner profile.
2. If the above fails:
 - For ICS or ISA envelopes the sender's ID from the envelope is parsed into a 7 byte account number and an 8 byte user ID and used to find a match with the Account number and User ID fields in the trading partner profile.
 - For STX or UNB envelopes the sender's ID from the envelope is parsed into an 8 byte account number and an 8 byte user ID and used to find a match with the Account number and User ID fields in the trading partner profile.
 - For GS envelopes the sender's ID is used to find a match with the Trading partner nickname field in the trading partner profile.
 - For BG envelopes the sender's ID is used to find a match with the Contact phone field in the trading partner profile.
3. If the above fails, the sequential dataset with a DDNAME of TTABLEqq is searched to find a match based on the sender's ID from the envelope and get a corresponding account number and user ID. The 'qq' in TTABLEqq is:
 - '01' for BG envelopes
 - ' ' (blank) for ICS, STX, and GS envelopes
 - sender's qualifier for ISA envelopes
 - first two bytes of the sender's qualifier for UNB envelopes

This error is logged and the application given a return code of 8, extended return code of 5, if a trading partner profile member can not be found that matches the sender ID in the interchange envelope.

This is a warning message from the translator and does not terminate the translation process. The translator will ignore this envelope and continue to process the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected.

User Response: Any of the following actions may be appropriate:

- Establish or add an appropriate entry to your TTABLeqq dataset so the trading partner can be identified.
- Have your trading partner resend the envelope with the SENDER ID filled in which matches an entry in your trading partner profile database.
- Add an entry to your trading partner profile database that matches the SENDER ID from the envelope.
- If the trading partner entry exists, but the error is still reported, verify that the files and databases used for on-line processing match the databases and files used by the translation process.
- Contact the Support Center if none of the above applies.

TR0202 **An interchange header was found while looking for an interchange trailer. The current interchange will be aborted and processing will continue with the new interchange. Mailbox (Requestor) ID = &1. Input file = &2. Expected envelope trailer label: &3. Expected segment terminator: pp. Current record number = qqqqqqqqqq.**

Severity: 8

Problem Determination: The translator reads the input file and checks the first characters of each record read to see if they match any of the supported interchange segment ID's (ISA, UNA, UNB, BG, ICS, STX, SCH). Once the start of the interchange is found, data is read until the end of the interchange is found (IEA, UNZ, EG, ICE, END). This error is logged and the application given a return code of 8, extended return code of 6, if a segment is found which matches the current interchange segment ID being processed. For example, if an ISA is being processed and another ISA segment is found before the IEA then the current interchange will be aborted and this error message will be issued.

User Response: Any of the following actions may be appropriate:

- Make sure the delimiters that are used in the interchange header are used consistently. The interchange trailer may not be located if the correct delimiters are not used.
- If the file you are translating has gone through a FIXED/VARIABLE record length conversion then blanks may have been inserted where they should not be or required blanks at the end of records may have been deleted.
- Have your trading partner resend a correctly formatted interchange.

- Contact the support center if the interchange appears to be formatted correctly but the error persists.

TR0203 **Interchange envelope control numbers do not match in header and trailer. Trading Partner ID = &1. Interchange header control number = &2. Interchange trailer control number = &3. Current record number = pppppppppp. Usage indicator = qqqqqqqqqq.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that an interchange header and interchange trailer are consistent. This error is logged and the application given a return code of 8, extended return code of 5, if the control numbers in the header and trailer do not match.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0204 **TROUBLE with mailbox (requestor) &1's input file &2 during &3 processing mode. A valid pppppppp-type envelope header was found. However, "End-of-File" was encountered before finding envelope trailer. Expected envelope trailer label: qqqqqqqq. Expected segment terminator: rr.**

Severity: 8

Problem Determination: The translator reads the input file and checks the first characters of each record read to see if they match any of the supported envelope segment ID's (ISA, UNA, UNB, BG, ICS, STX, SCH). Once the start of the envelope is found, data is read until the end of the envelope is found (IEA, UNZ, EG, ICE, END). This error is logged and the application given a return code of 8, extended return code of 6, if the end-of-file is detected before the end of the envelope is found.

User Response: Any of the following actions may be appropriate:

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- Make sure the delimiters that are used in the interchange header are used consistently. The interchange trailer may not be located if the correct delimiters are not used.
- If the file you are translating has gone through a FIXED/VARIABLE record length conversion then blanks may have been inserted where they should not be or required blanks at the end of records may have been deleted.
- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0205 **Interchange envelope trailer contains invalid functional group count. Trading Partner ID = &1. Interchange control number = &2. Number of functional groups counted = &3. Functional group count in interchange envelope trailer = pppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The translator performs consistency checks on the structure of a received envelope. One of these consistency checks is that the group count in the interchange trailer matches the actual count of groups between the header and trailer. This error is logged and the application given a return code of 8, extended return code of 5, if a count in the trailer does not match the actual number of groups.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend a correctly formatted envelope.
- Contact the support center if the envelope appears to be formatted correctly but the error persists.

TR0206 **The interchange password does not match the trading partner profile password. Trading Partner ID = &1. Interchange control number = &2. Interchange password = &3. Trading partner profile password = pppppppppp. Current record number = qqqqqqqqqq. Usage indicator = rrrrrrrrrr.**

Severity: 8

Problem Determination: The password in the trading partner profile is used to validate the password in the interchange envelope. If the standard for the current interchange envelope defines a password and if the password in the trading partner profile is not blank, then the interchange password will be validated when a receive translation is performed. The password in the trading partner profile must match the interchange password in length and content. The interchange password qualifier is not used to validate the interchange password, even though in some standards it is intended to indicate the presence of a password. To be consistent, we chose to use the the presence of a password in the trading partner profile as a flag to indicate when the interchange password should be validated. This error is logged and the application given a return code of 8, extended return code of 5, if the passwords in the trading partner profile and the interchange header do not match.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid password is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend the envelope with the password you have agreed upon.
- Update your trading partner profile with the password you and your trading partner have agreed upon.
- If the passwords are equal, but the error persists, verify that the files and databases used for on-line processing are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR0207 **Invalid envelope definition detected during &1 processing. Envelope name is y. Segment &3 does not have a pp data type defined. Interchange control number = qqqqqqqqqqqqqq. Group control number = rrrrrrrrrrrrrr. Transaction control number = ssssssssssssss. Current record number = tttttttttt.**

Severity: 4

Problem Determination: The translator performs consistency checks on the structure of a received envelope. In order to perform these consistency checks, the translator must know where certain fields within the envelope are located. For example, where control numbers and control counts are located. This is done by giving these fields special data types during envelope definition. For example, control numbers are given a data type of CN. This error is logged and the application given a return code of 8, extended return code of 5, if a required field is not defined for the segment being inspected.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- This error should not occur with the envelope definition shipped with the product and indicates the definition has been modified using Standards Customization.
- The message provided the segment and data type that is being processed. Use the on-line Standards Customization utility to add the required data element to the segment.
- If the data element is defined, yet the error persists, verify that the files and databases used during on-line processing are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR0208 **Invalid &1 &2. Segment &3 does not contain a pp field. Interchange control number = qqqqqqqqqqqqqq. Group control number = rrrrrrrrrrrrrr. Transaction control number = ssssssssssssss. Current record number = tttttttttt.**

Severity: 4

Problem Determination: The translator performs consistency checks on the structure of a received envelope. In order to perform these consistency checks, the translator must know where certain fields within the envelope are located. For example, where control numbers and control counts are located. This is done by giving these fields special data types during envelope definition. For example, control numbers are given a data type of CN. This error is logged and the application given a return code of 8, extended return code of 5, if a required field is not provided in the segment being processed.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope where the invalid format is detected will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected. However, if security segments are present (S1S, S2S) and decryption is required, the record number would be the last record number read.

User Response: Any of the following actions may be appropriate:

- The field identified by the message is a required field and must be provided by your trading partner. Have your trading partner re-send the envelope with the required data.
- Contact the support center if none of the above applies.

TR0209 **The expected segment delimiter following encrypted data was not found. The envelope will be skipped. Trading Partner ID = &1. Interchange control number = &2. Group control number = &3. Transaction control number = pppppppppppppp. Current record number = qqqqqqqqqqqq. Partial SxS segment image = rrr...r.**

Severity: 8

Problem Determination: An SxS segment present in the input data indicates that encrypted data follows and provides the length of the encrypted data. There should be a segment delimiter immediately after the encrypted data. This error is logged and the application given a return code of 8, extended return code of 5, if the character immediately after the encrypted data is not a segment delimiter.

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User Response: Any of the following actions may be appropriate:

- The length specified in the SxS segment might be incorrect. If so, the program creating the SxS segment must be corrected.
- If the length appears to be correct but the error is still reported then make sure there are no trailing blanks at the end of records if FIXED BLOCKED records are being used in the dataset containing the envelope.

TR0210 **Envelope header detected but matching envelope definition could not be found. Partial header segment image = &1.**

Severity: 8

Problem Determination: An envelope header was detected in the input but the envelope definition (X,E,I,T,U) could not be found. This error is logged and the application given a return code of 8, extended return code of 5, if the definition is not found.

This is a warning message from the translator and does not terminate the translation process. All data that is part of the envelope will be skipped and translation will continue with the next envelope in the file.

User Response: Install the necessary envelope definition on your system.

TR0211 **A duplicate envelope has been detected and is being skipped. Processing will continue with the next envelope in the input. Trading Partner ID = &1. Interchange sender ID = &2. Interchange receiver ID = &3. Interchange control number = ppppppppppppppppp. Current record number = qqqqqqqqqqq.**

Severity: 8

Problem Determination: The envelope is a duplicate of one in the transaction store and will be skipped.

This is a warning message from the translator and does not terminate the translation process. The duplicate envelope will be skipped and translation will continue with the next envelope in the file.

The record number in this message is the record within the standard data being read when the error was detected.

User Response: Any of the following actions may be appropriate:

- Have your trading partner resend the envelope with a new interchange control number
- Reprocess the envelope indicating that duplicate envelopes are acceptable.

TR0401 **End-of-file detected with mailbox (requestor) &1's input file &2 in &3 processing mode.**

Severity: 4

Problem Determination: This is just a message indicating the end-of-file has been encountered on the input file. This message is logged and the application given a return code of 4, extended return code of 1, to indicate there is no more data to process.

User Response: No response required.

TR0403 **Application data received will be ignored. Record &1 was not used in the Mapping (Trading Partner Transaction) Definition. Internal Trading Partner ID and Data Format = &2. Transaction code, mode, and function = &3.**

Severity: 4

Problem Determination: The translator validates records received from the application against the records that were defined during Data Format Definition and records that were used during the Mapping (Trading Partner Transaction) Definition. This warning message is logged when a record is received that was not used in the transaction definition. This message does not result in any return code to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. If the record should be used then update the mapping definition so the record is referenced. The message can be eliminated only by updating the definition to use the record or updating the program so that record is not passed to the translator.

TR0404 **Application data received will be ignored. Structure &1 was not defined as a record during Application Data Definition. Internal Trading Partner ID and Data Format = &2. Transaction code, mode, and function = &3.**

Severity: 4

Problem Determination: The translator validates records received from the application against the records that were defined during Data Format Definition and records that were used during the Mapping (Trading Partner Transaction) Definition. This warning message is logged when a structure is received that was defined as being a part of a record and not passed separately. The record that includes this structure must be passed. This message does not result in any return code to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. If the structure will be passed as a record then update the records definition using Data Format Definition. If the structure is physically part of some other record then update the program to pass the parent record.

TR0405 **Application data received will be ignored. The raw data record passed could not be identified. Internal Trading Partner ID and Data Format = &1. Transaction code, mode, and function = &2. Image of application data = &3.**

Severity: 4

Problem Determination: The translator validates records received from the application against the records that were defined during Data Format Definition and records that were used during the Mapping (Trading Partner Transaction) Definition. This warning message is logged when a record is received that could not be identified using the Record ID's provided during Application data definition. This message does not result in any return code to the application. The unidentified record is written to the exception file.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. To eliminate the message either the record ID for the record must be updated or the data given to the translator must be updated to have a defined record ID value.

TR0406 **Application data received will be ignored. Record &1 identified but a transaction has not been started. Record &2 must be received first. Internal Trading Partner ID and Data Format = &3. Transaction code, mode, and function = ppp...p.**

Severity: 4

Problem Determination: The translator validates records received from the application against the records that were defined during Data Format Definition and records that were used during the Mapping (Trading Partner Transaction) Definition. This warning message is logged when a record is received but the record which was defined as starting a transaction has never been received. This message does not result in any return code to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary. If the record should be

used then update the data format definition to define the desired starting record or do not specify a starting record.

TR0407 **The loop-id from the LE segment does not match the loop-id in the corresponding LS segment. That may be an indication that something is wrong. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qqg...q. Loop-id from LS segment = rrrr. Loop-id from LE segment = ssss.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that the loop-id values for bounded loops match each other. This warning is logged if the loop-id in the LE segment does not match the loop-id in the LS segment.

This is a warning message only. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary.

TR0408 **LS segments were found with no corresponding LE segment. That may be an indication that something is wrong. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. Current Loop-ID and repetitions = ppp...p. Standard segment and field ID = qqg...q. Loop-id from unmatched LS segment = rrrr.**

Severity: 4

Problem Determination: The translator performs consistency checks during translation to verify that the standard data being processed is in accordance with the standard definition. One of these consistency checks is that for each bounded loop start (LS) there is a corresponding bounded loop end (LE). This warning is

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logged if after processing a level of looping or the entire transaction there have been LS segments for which no corresponding LE segment was found.

This is a warning message only. The translator will continue processing and when the translation is complete the highest level error encountered will be compared to the error level as specified during the mapping process. During a receive process, an acceptable error level will result in data being returned to the application. During a send process, an acceptable error level will result in the transaction being available for enveloping and/or sending.

User Response: This is a warning message from the translator and does not terminate the translation process. The data must be inspected to determine if a real error exists and appropriate action taken to reprocess the data if necessary.

TR0409 **No map provided for Hierarchical Code = &1 and Parent Hierarchical Code = &2. Data will be skipped. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p. Interchange, group and transaction control numbers = qqg...q. Current Loop-ID and repetitions = rrr...r. Standard segment and field ID = sss...s. Mapping (Trading Partner Transaction) ID = tttttttttttttt.**

Severity: 4

Problem Determination: During the Hierarchical Loop send processing, it is possible to give the translator the fields that contains the Hierarchical Code and Parent Hierarchical code. If data from these fields do not match any mapping done for this Hierarchical Loop this message is the result. This warning message is logged and it does not result in any return code to the application.

User Response: This is a warning message from the translator and does not terminate the translation process. If the data skipped should be included in the transaction then a mapping needs to be created for the Hierarchical Code and Parent Hierarchical Code.

TR0410 **A &1 operation against variable &2 yielded a value of &3 while processing segment id ppppppppp which is segment qqgqqqqq within the transaction.**

Severity: 4

Problem Determination: This is just a tracing entry. It has no effect on the outcome of the translation.

User Response: None required.

TR0411 **Expression &1 yielded a value of &2 while processing segment id &3 which is segment ppppppppp within the transaction.**

Severity: 4

Problem Determination: This is just a tracing entry. It has no effect on the outcome of the translation.

User Response: None required.

TR0810 **Control number read for update failed. Trading Partner Nickname = &1. Receiver ID = &2. Receiver Qualifier = &3 Usage indicator = ppppppppppp. Mapping (Trading Partner Transaction) ID = qqgqqqqqqqqqqqqq.**

Severity: 12

Problem Determination: During enveloping the translator reads a control number record for update whenever a new control number (interchange, functional group or transaction) has to be allocated. This error is logged and the application given a return code of 12, extended return code 10, if the attempt to read the trading partner profile results in an error. There will be an entry in the log preceding this entry which reports the type of error encountered.

User Response: Any of the following actions may be appropriate:

- The trading partner profile member may have been deleted. If so, then use the on-line Profile Maintenance facility to put the entry back.
- Make sure the transaction process has update authority on the Profile dataset.
- Follow the instructions for the message preceding this message in the log.
- Contact the Support Center if none of the above applies.

TR0811 **Control number write failed. Trading Partner Nickname = &1. Receiver ID = &2. Receiver Qualifier = &3 Usage indicator = ppppppppppp. Mapping (Trading Partner Transaction) ID = qqgqqqqqqqqqqqqq.**

Severity: 12

Problem Determination: During enveloping the translator reads the control numbers for update whenever a new control number (interchange, functional group or transaction) has to be allocated. After the control number is incremented, the trading partner profile entry is updated. This error is logged and the application given a return code of 12, extended return code 11, if the attempt to update the trading partner profile results in an error. There will be an

entry in the log preceding this entry which reports the type of error encountered.

User Response: Any of the following actions may be appropriate:

- Follow the instructions for the message preceding this message in the log.
- Contact the Support Center if none of the above applies.

TR0812 Parameter count is invalid.

Severity: 12

Problem Determination: This error is logged and the application given a return code of 12, extended return code of 12, if the parameter count specified in the ZSNBPC field of the SNB control block is not equal to 6.

User Response: Update the program that is calling the translator so that the parameter count specified in the ZSNBPC field of the SNB control block is 6.

TR0815 Request to allocate memory failed. Size of storage requested = &1. Return code from service request = &2. Extended return code from service request = &3.

Severity: 12

Problem Determination: During processing, the translator needs to obtain storage for various buffers and control blocks. This error is logged and the application given a return code of 12, extended return code of 15, if the request for storage fails.

User Response: Increase the amount of virtual storage used for the translation process. Contact the Support Center if the situation persists.

TR0816 Invalid function code.

Severity: 12

Problem Determination: The translator expects the function code to be one of 1, 2, 3, 131, 111, 212, 211, 213, 214, 215 or 1000. This error is logged and the application given a return code of 12, extended return code of 16, if the function code is not one of the above values.

User Response: Correct the program calling the translator so that the function code passed is one of the above.

TR0817 The transaction processor did not terminate because it was not active.

Severity: 8

Problem Determination: During production send processing (function code 131), the translator may be called numerous times. With each call, the translator

appends to the standard data that is being created in internal buffers. When the application is finished sending data, it must call the translator one more time with a termination function code (function code 1000), which will cause the translator to put on the trailing enveloping segments to the standard data and write the data to the standard data queue.

This error is logged and the application given a return code of 8, extended return code of 17, if a termination request is received and is not expected.

User Response: Any of the following actions may be appropriate:

- Modify the program if it is attempting to terminate the translator on a TEST function request (function codes 111 or 211). The translator will terminate itself on TEST requests.
- An application program should not attempt to terminate the translator if it has received a return code of 8 with an extended return code of 10 or greater, or a return code of 12. In these cases, the translator will terminate itself.
- During receive processing (function code 212), the translator automatically terminates after giving the application the end-of-file return code (return code 4, extended return code 1). An application should not attempt to terminate the translator after the end-of-file return code is received.
- Contact the Support Center if none of the above applies.

TR0818 Translator received an error on an attempt to LOG information. Event logging return code = &1. Event logging extended return code = &2. Mapping (Trading Partner Transaction) ID = &3.

Severity: 8

Problem Determination: At various points during processing, the translator will attempt to log information. Information logged includes the following:

- Error messages
- Images of application data
- Images of standard data

This error is logged and the application given a return code of 8, extended return code of 3, if the attempt to log information fails. This is a warning message from the translator and does not terminate the translation process.

User Response: Any of the following actions may be appropriate:

- The return codes in the message above will either be from Common Error Services or Event Logging Services. Check the return codes from these processes for a full explanation of the error. If the Event

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Logging Services return codes cannot be found in the Event Logging Services section on page 393, contact the Support Center.

- The log file may be full. Images of application data and standard data tend to be rather large log records. If the log file is almost full then an attempt to log the image may fail but error messages (including this one) may log successfully. Make sure there is sufficient space in the log file for the logging you have requested. The logging of standard images is optional and is controlled by the 'Log standard data' field in the trading partner profile. The logging of application images is optional and is controlled by the 'Log application data' field in the send and receive mapping trading partner usage records.
- The application name used on the initialization call establishes which log will be used. This error would occur if the application name is not valid or has not been defined to in the ACTLOG profile.
- Make sure the log being used has been allocated to the translation process.
- Contact the Support Center if none of the above applies.

TR0820 **SEND mapping definition not found for this trading partner transaction. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. Usage indicator = pppppppppp.**

Severity: 8

Problem Determination: During send processing the translator must be provided the trading partner field and the data format name to identify the translation that should take place. These fields are provided in the translator interface control block. This information is also provided during on-line Mapping (Trading Partner Transaction) Definition when the mapping is done from the application to the standard format. This error is logged and the application given a return code of 8, extended return of 3, if the attempt to retrieve the mapping (trading partner transaction) usage using the provided trading partner field, data format name, and usage indicator results in a not found condition.

If this is a test mapping the translator will look for a test usage record followed by a production usage record. If this is an information mapping the translator will look for an information usage record followed by a production usage record. If this is a production mapping only a production usage will be used.

The translator will first look for a usage with the specific trading partner field and if not found, it will next look for a generic send usage with a trading partner field of an ampersand (&) followed by a three character application supplied routing code. If it is also not found, the translator will look for a default send usage which is a tradingpartner field of an ampersand (&) followed by all blanks.

User Response: Any of the following actions may be appropriate:

- For a production mapping make sure there is a production usage that has been activated.
- For generic send usages, check that the appropriate usage is active, that there is a translate table of the same name as the data format ID, and the table contains the trading partner field to Trading Partner nickname entry. If the application is providing a routing code for generic usage selection, make sure that it is providing the correct code (in the 'C' record or application field).
- Update the program calling the translator (or the input to the utility) so that the trading partner field and data format name match an entry defined using the on-line Mapping (Trading Partner Transaction) Definition facility.
- Use the on-line Mapping (Trading Partner Transaction) Definition facility to create a send usage for the specified trading partner field, data format name and usage indicator, or create a generic send usage and translate table for the specified trading partner field.
- If the mapping (trading partner transaction) exists, yet the error is still reported, verify that the databases and files used for on-line processing are the same ones used for the translation process.
- Contact the Support Center if none of the above applies.

TR0821 **Data format definition &1 not found for this mapping. Internal Trading Partner ID = &2. Processing Direction = &3. Usage indicator = pppppppppp. Standard Transaction ID = qqq. Mapping (Trading Partner Transaction) ID = rrrrrrrrrrrrrr.**

Severity: 8

Problem Determination: During receive processing the translator reads the data format definition to obtain the file name for the application data. This error is logged and the application given a return code of 8, extended return code 3, if the attempt to read the data format results in a not found condition.

User Response: Any one of the following actions may be appropriate:

- The data format specified in the message must be defined using the on-line Data Data Formats function.
- The mapping using this data format must be recompiled with an existing Data Format name.
- If the data format exists, yet the error still occurs, then verify that the databases and files used for on-line processing are the same one used for the translation process.
- Contact the support center if none of the above applies.

TR0822 **Control String not found for this mapping. Mapping (Trading Partner Transaction ID) = &1. Internal Trading Partner ID and Data Format = &2. Transaction handle, code, mode, and function = &3. Interchange, group and transaction control numbers = ppp...p.**

Severity: 8

Problem Determination: A control string is a series of instructions which control the translation process. A control string is created using the Compile option during Mapping Definition. The key to the control string is the Mapping name. This error is logged and the application given a return code of 8, extended return code of 3, if any of the following occurs:

1. The control string does not exist (never been compiled).
2. Insufficient memory to contain control string.

User Response: Any of the following actions may be appropriate:

- For item 1 above, Compile the control string using Mapping Definition.
- For item 2 above, increase virtual memory available to region.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR0823 **An error was encountered in Profile Services. See the associated Profile Service message in the event log for more information. The profile ID was &1. The profile member was &2. The Profile Service return code was &3. And the Profile Service extended return code was pppppp.**

Severity: 12

Problem Determination: The translator called Profile Services and an error was encountered in Profile Services. Profile Services wrote a message to the event log concerning the error. Translation has stopped.

User Response: Look up the associated event log Profile Service message and take the action specified in that message. This error must be corrected before translation can proceed.

TR0824 **Transmit of envelope to communications support failed. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. Usage indicator = pppppppppppp. Communications Services return code = qqqqqq. Communications Services extended return code = rrrrrr.**

Severity: 8

Problem Determination: During envelope processing the translator builds an envelope in internal buffers. Whenever the translator determines an envelope should be closed, the necessary trailing segments are added to the envelope and the Communication Service is called to write the envelope to the QDATA file. This error is logged and the application given a return code of 8, extended return code of 24, if the Communication service returns an error indicating the data could not be queued.

The return codes of 8 and 24 are returned in the translator interface control block in the "qrc" and "qerc" fields. This is done to distinguish this error from any error that may have occurred on the transaction which caused the envelope to be closed and written.

The "eject" field in the translation interface control block is also set to a value of 'E' if an error occurred writing the envelope. An eject value of 'Q' would indicate the envelope was written successfully.

User Response: This error message will be preceded by an error message from the Communications Service. Follow the instructions for that error message.

TR0825 **Trading partner profile member not found. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. Usage indicator = pppppppppppp. Standard Transaction ID = qq. Profile name = rrrrrrrr. Profile member name = ssssssssssssssss. Mapping (Trading Partner Transaction) ID = tttttttttttttt.**

Severity: 8

Problem Determination: The translator uses the trading partner nickname specified when a mapping (Trading Partner Transaction) Definition is defined to retrieve trading partner information from the Trading Partner Profile (TPPROF). This error is logged and the application given a return code of 8, extended return code of 3, when the Trading Partner Profile member can not be found.

User Response: Any of the following actions may be appropriate:

- Update the trading partner nickname in the mapping definition to one of the trading partners defined in the TPPROF profile.
- Add the required trading partner to the TPPROF profile.

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- If the entry already exists and you still get this error, then verify that the databases and files used for on-line processing match the ones used by the translation process.
- Contact the support center if none of the above applies.

TR0826 **The SENDER ID has not been provided in the member of the y profile. Mapping (Trading Partner Transaction) ID = .**

Severity: 8

Problem Determination: The translator uses data from STANDARD profiles when creating the enveloping segments. The STANDARD profiles are the X, E, I, T, and U profiles. The profile used is determined when the STANDARD is defined and may be overridden in the trading partner transaction send usage record. The member in the profile used is the same as the STANDARD ID but may also be overridden in the trading partner transaction send usage record. One of the fields in all these profiles is the SENDER ID that should be used when the envelope is created. This field must contain a value. If it is left blank, then error message TR0826 is the result. The application receives a return code of 8 and an extended return code of 3.

Note: supports the sending and receiving of standard data that is only enveloped at the functional group level when the functional group segment ID is "GS". Thus for X, I, and U profile types it is possible to create standard data without an ISA (X), ICS (I), or BG (U), outer envelope. This is signalled by not providing a SENDER ID in the standard profile data (and not providing any SENDER ID override). Therefore this message and error is only possible for E and T envelope types.

User Response: Use Profile Maintenance to edit the specified member of the specified profile (X, E, I, T, or U) and supply a SENDER ID or provide an override for the SENDER ID when calling the translator either via the translator interface control block or the Utilities Control record.

TR0827 **You cannot perform this function now.**

Severity: 12

Problem Determination: The function code passed in the function block to the translator is not consistent with the previous call to the translator. Once a request is started, that request must be terminated before a different type of request can be made. For instance, a SEND TRANSLATE must be terminated before a RECEIVE TRANSLATE is done. This message is logged and the application is given a return code of 12, extended return code of 27, if an invalid sequence is detected.

User Response: Correct the program so that each request is terminated before a different type of request is started. SENDS must be terminated before RECEIVES can be started. RECEIVES must be terminated (done automatically on end-of-file condition) before SENDS can be started.

TR0828 **TR input data block size invalid.**

Severity: 12

Problem Determination: The size of the input buffer for a receive or deenvelopeing function must be at least 32000. This error is logged and the application given a return code of 12, extended return code of 28, if the input buffer size is less than 32000.

User Response: Update the program to provide an input buffer with the proper size.

TR0829 **TR output data block size invalid.**

Severity: 12

Problem Determination: The size of the output buffer must be at least 32000. This error is logged and the application given a return code of 12, extended return code of 29, if the output buffer size is less than 32000.

User Response: Update the program to provide an output buffer with the proper size.

TR0830 **TR input data block contains no data.**

Severity: 8

Problem Determination: This error is logged and the application given a return code of 8, extended return code of 3 if the translator was called to translate but no data has been provided.

User Response: Update the program calling the translator so that data is provided before making the request to translate. This error most likely means that the EJECT flag in the translator interface control block is set to 'Y' indicating translation should start before any data has been provided to translate. Another possibility is that all the data provided for translation was ignored because it was not used in the mapping. A warning message would have been issued for any data provided that was ignored.

TR0832 **Call to Transaction Store failed. Trading Partner Nickname = &1. Transaction handle, code, mode, and function = &2. Interchange Control Number = &3. Group Control Number = pppppppppppppppp. Transaction Control Number = qqqqqqqqqqqqqq. Transaction Store Return Code = rrrrrr. Transaction Store Extended Return Code = ssssss.**

Severity: 12

Problem Determination: The translator component of will at times call the Transaction Store Services to store or update the transaction information. If any of the calls to the Transaction Store Service result in an error then this error message will be logged and the application will receive a return code of 12, extended return code of 32.

User Response: Use the return code and extended return code from the message and look at the Transaction Store Services return code section of the document to determine what action should be taken. If the extended return code from Transaction Store Services indicates that a database error occurred look in the Audit Trail or the Event Log for a preceding Repository message that would clarify the situation.

TR0834 **Translated data is too large for output buffer. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. Usage indicator = pppppppppppp.**

Severity: 8

Problem Determination: The size of the output data buffer must be large enough to receive the largest record in a transaction. This error is logged and the application given a return code of 8, extended return code of 3, if the output data buffer is not large enough for the translated data and the program is still using release 1 control blocks.

User Response: Update the program to use Release 4 control blocks which will allow the data to be passed back to the application in increments rather than the whole transaction at once.

TR0836 **Repository read failed for STANDARDS data. Repository table = &1. Standard ID = &2. Retrieval key description = &3. Retrieval key = pppppppppp.**

Severity: 12

Problem Determination: During send processing, the translator does the following repository reads:

- Reads the standard description given the standard ID that was specified during Mapping (Trading Partner Transaction) Definition.

- Reads the transaction description given the standard ID and transaction ID that was specified during Mapping (Trading Partner Transaction) Definition.
- Reads the envelope description that is used by the above standard which was specified during Standards Customization.
- Reads the data element usage and data element description records which guide the building of the enveloping segments.

During receive processing, the translator does the following repository reads:

- Reads the X, E, I, T, and U envelope definitions until a match is found for the current envelope being processed.
- Reads the data element usage and data element description records which guide the parsing of the enveloping segments.

This error is logged and the application given a return code of 12, extended return code of 36, if any of the above reads result in a not found condition.

User Response: Any of the following may be appropriate actions:

- Use Standards Customization to add the STANDARD or ENVELOPE that does not exist.
- Use Mapping (Trading Partner Transaction) Definition to update the standard used in the transaction to one that does exist.
- If the entry complained about in the message does exist, then verify that the database you use for on-line processing is the same database being used during the translation process.
- Contact the support center if none of the above applies.

TR0838 **Unable to open designated input file for read. Mailbox (Requestor) ID = &1. Logical name of designated input file = &2. Processing Direction = &3. Usage indicator = pppppppppppp. File handler return code = qqqqqq. file handler extended return code = rrrrrr.**

Severity: 8

Problem Determination: When doing a RECEIVE translate the translator reads the MAILBOX (REQUESTOR) profile member identified by the MAILBOX ID (REQID) field in the translator control block and uses the RECEIVE FILE NAME as the file which contains the data to be translated. This error is logged and the application given a return code of 8, extended return code of 38, if the open request for the file fails.

User Response: Make sure the JCL (for MVS batch processing) or SET FILE command in the translation process contains a file that matches the RECEIVE FILE NAME in the Mailbox (requestor) profile member that

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is being used. The logged message contains the MAILBOX (REQUESTOR) ID and the file that is causing the problem.

TR0839 **Mailboxes (Requestor) profile member not found. Processing Direction = &1. Profile name = &2. Retrieval key = &3.**

Severity: 8

Problem Determination: When doing a RECEIVE translate the translator reads the MAILBOXES (REQUESTOR) profile member identified by the MAILBOX ID (REQID) field in the translator control block in order to get the DDNAME for the file which contains the data to be translated. This error is logged and the application given a return code of 8, extended return code of 39, if the specified member does not exist in the MAILBOXES (REQUESTOR) profile.

User Response: Any of the following actions may be appropriate:

- Update the program, or input to the program, so that an existing requestor ID is used.
- If the mailbox ID (requestor ID) does exist when using the on-line Profile Maintenance facility, verify that the files used for the translation process are the same files being used for on-line processing.
- Contact the support center if none of the above applies.

TR0840 **Profile Services field retrieval failed. Profile type = &1. Profile name = &2. Desired field = &3.**

Severity: 12

Problem Determination: The translator uses STANDARD ENVELOPE DATA when constructing the enveloping segments during envelope processing. This STANDARD ENVELOPE DATA is contained in the X, U, T, I and E profiles and the standard ID (or an override specified in the mapping usage record) determines which member of these profiles is being used. This error is logged and the application given a return code of 12, extended return code of 40, if the desired profile member can be found within the profile type.

User Response: Add the member mentioned to the message to the profile mentioned in the message or update the transaction usage record to contain the name of a member that currently exists.

TR0841 **MUW application record ID is invalid. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. MUW application record ID = ppppppppppppppppppppppp. Mapping (Trading Partner Transaction) ID = qqqqqqqqqqqqqqqqqq.**

Severity: 4

Problem Determination: During multiple-unit-of-work send processing, each record that is provided by the application program is verified against the records that were defined when the application format was defined using Data Format Definition. This error is logged as a warning but results in no return codes, if the record name provided in the ATSID field of the translator control block does not match any record name defined in the Data Format name specified by the ATFID field in the translator control block.

User Response: Any of the following actions may be appropriate:

- Modify the record name in the ATSID field (or the record name in the input file to the SEND TRANSLATE UTILITY) to one that is defined in the Data Format.
- Modify the data format name in the ATFID field (or the data format name (RAWFMTID) specified in the input file to the SEND TRANSLATE UTILITY) to one that defines the record you are using.
- If everything appears to be correct and you are still getting the message, then verify that the databases and files being used for on-line processing are the same as the ones using by the translation process.
- Contact the support center if none of the above applies.

TR0842 **No STANDARD data found in mailbox (requestor) &1's input file &2 for &3 processing. End-of-file encountered after reading ppppppp unidentifiable records.**

Severity: 8

Problem Determination: When doing a RECEIVE translate the translator reads the MAILBOX (REQUESTOR) profile member identified by the MAILBOX ID (REQID) field in the translator control block and uses the RECEIVE FILE NAME as the file which contains the data to be translated.

This file is read and each record is inspected to see if the data at the beginning of the file matches the SEGMENT ID for the X (ISA), U (BG), T (SCH or STX), I (ICS), or E(UNA or UNB) envelopes. If a match can not be found then the record is skipped and the next record is read. .p.This error is logged and the application given a return code of 8, extended return code of 6, if there is nothing in the file that can be identified as the beginning of an envelope.

This error is logged and the application given a return code of 8, extended return code of 6, if there is nothing in the file that can be identified as the beginning of an envelope.

User Response: Any of the following actions may be appropriate:

- Make sure the file specified in RECEIVE FILE NAME is correct.
- Contact the support center if none of the above applies.

TR0843 The Mailboxes (Requestor) Profile member &1 does not contain a receive file name.

Severity: 8

Problem Determination: When doing a RECEIVE translate the translator reads the MAILBOXES (REQUESTOR) profile member identified by the MAILBOX ID (REQID) field in the translator control block and uses the RECEIVE FILE NAME as the DDNAME for a file which contains the data to be translated. This error is logged and the application given a return code of 8, extended return code of 43, if the RECEIVE FILE NAME field is blank.

User Response: For Client Interface: Update the mailboxes profile member and supply a RECEIVE FILE NAME. For Host Interface: Update the requestor profile member and supply a RECEIVE FILE NAME.

TR0846 Control String for raw data not found for this transaction. Mapping (Trading Partner Transaction) ID = &1. Internal Trading Partner ID and Data Format = &2.

Severity: 12

Problem Determination: A control string is a series of instructions which control the translation process. A control string is created using the Compile option during Mapping (Trading Partner Transaction) Definition. The key to the raw control string is the name of the Data Format. This error is logged and the application given a return code of 12, extended return code of 46 if this control string is required but can not be found.

User Response: Any of the following actions may be appropriate:

- Compile the control string.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR0847 Security profile member not found. Internal Trading Partner ID = &1. Data Format = &2. Processing Direction = &3. Usage indicator = ppppppppppp. Standard Transaction ID = qqq. Profile name = rrrrrrrr. Profile member name = ssssssss.

Severity: 12

Problem Determination: The translator retrieves the security member name specified when a transaction is defined during Mapping (Trading Partner Transaction) Definition to retrieve the authentication/encryption/filtering specifications for the transaction. This error is logged and the application given a return code of 12, extended return code of 47, when the Security Profile member can not be found.

User Response: Any of the following actions may be appropriate:

- Update the Security profile member name in the mapping definition to one of the members in the SECUPROF profile or provide a default value in the trading partner profile member.
- Add the required member to the SECUPROF profile.
- If the entry already exists and you still get this error, then verify that the databases and files used for on-line processing match the ones used by the translation process.
- Contact the support center if none of the above applies.

TR0848 Failure loading a user exit routine. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. User Exit name = ppppppppp. Return code and extended return code = qqqqqqqqqqqqqqqqqqqqq. Mapping (Trading Partner Transaction) ID = rrrrrrrrrrrrrrrrr.

Severity: 8

Problem Determination: At various points in the translation/enveloping process external user specified routines are invoked. When there is an error invoking a user exit routine, this error will be logged and the application given a return code of 8 or 12, extended return code of either 48, 3, or 4 depending on the type of user exit and the type of processing taking place. Failure to load an encryption routine during enveloping results in a return code of 12, extended return code of 48. Failure to load an encryption routine during deenveloping results in a return code of 8, extended return code of either 3 or 4 depending on whether transactions or groups are being processed. Failure to load a user exit routine during translation results in a return code of 8, extended return code of 3.

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User Response: Any of the following actions may be appropriate:

- Update the name of the user exit to match a name defined in the User Exit Profile.
- Add the required member to the User Exit profile.
- If the entry already exists and you still get this error, then verify that the databases and files used for on-line processing match the ones used by the translation process.
- Contact the support center if none of the above applies.

TR0849 **Error returned by a user exit routine. Internal Trading Partner ID and Data Format = &1. Transaction handle, code, mode, and function = &2. Interchange, group and transaction control numbers = &3. User Exit name = ppppppppp. Return code and extended return code = qqqqqqqqqqqqqqqqqqqq.**

Severity: 8

Problem Determination: At various points in the translation/enveloping process external user specified routines are invoked. When a user exit returns an error condition to the translator, this error will be logged and the application given a return code of 8 or 12, extended return code of either 49, 3, or 4 depending on the type of user exit and the type of processing taking place.

User Response: Check the specifications of the exit routine to determine the meaning and actions for the return code and extended return code returned by that program.

TR0850 **The delimiters defined for the standard and/or overridden by the trading partner are not unique or are blank. Internal Trading Partner ID and Data Format = &1. Trading Partner Nickname = &2. Standard = &3. The delimiter values (in decimal) are: Segment terminator = ppp. Data element delimiter = qq. Sub-element delimiter = rrr. Release character = sss. Decimal notation = ttt.**

Severity: 8

Problem Determination: The default delimiters for a standard are provided when the standard is defined. These default delimiters may be overridden by values in the trading partner profile. This error is logged and the application given a return code of 8, extended return code of 3 if the delimiters are not unique. For example, if the data element delimiter has the same value as the segment terminator this error would result. This check is only made during send processing.

The level of delimiter checking done is based upon the envelope type being used as described below.

- For the X, I, and U envelope types
The decimal notation is forced to a period (.).
The segment separator is forced to the same value as the data element delimiter.
There is no release character
The segment delimiter, data element delimiter, and decimal notation must be unique and non-blank.
If a sub-element delimiter is provided, it must be unique.
- For the T envelope type
The decimal notation is forced to a period (.).
The segment delimiter, data element delimiter, sub-element delimiter, segment separator, decimal notation, and release character must be non-blank and unique.
- For the E envelope type
- The decimal notation is forced to a period (.) if it is specified as a numeric value (a decimal notation of 0 through 9 is ignored and a period is used instead).
- The segment separator is forced to the same value as the data element delimiter.
- The segment delimiter, data element delimiter, sub-element delimiter, decimal notation, and release character must be non-blank and unique.

User Response: This error causes the translator to terminate. Either the standard or the trading partner profile member must be changed so that all delimiters are unique.

TR0851 **The translator was called with an indication that raw data was being used but an data format name was not provided.**

Severity: 12

Problem Determination: If raw data is being used then the translator must be provided the data format name that defines the raw data. Without the data format name the translator has no way to determine what data it is dealing with. This error is logged and the application given a return code of 12, extended return code of 51 if the data format name is provided.

User Response: Any of the following actions may be appropriate:

- Update the application program to provide the data format name in the translator interface control block.
- Update the utility control statements to specify the data format name using the RAWFMTID keyword.

TR1201 **A program error occurred during anchor processing.**

Severity: 12

Problem Determination: During receive processing, the translator may be requested to create a functional acknowledgement for the data being processed. The

translator does this by invoking another version of the translator for send processing. This error is logged and the application given a return code of 12, extended return code of 1, if there are any errors in starting up this second instance of the translator.

User Response: Contact the support center.

TR1202 Unable to free memory.

Severity: 12

Problem Determination: The translator obtains temporary main storage many times during the translation process. Upon termination, the translator returns this storage. This error is logged and the application given a return code of 12, extended return code of 2, if an error is returned while attempting to return gotten storage.

User Response: Contact the support center.

TR1203 Unable to read repository.

Severity: 12

Problem Determination: The translator needs to get information from the database at various stages of the translation. Such things as the envelope definition, the mapping (trading partner transaction) definition and the control string are retrieved. This error is logged and the application given a return code of 12, extended return code of 3, if an attempt to read the database yields an unexpected error (something other than a not found condition).

User Response: Any of the following actions may be appropriate:

- There should be a previous log entry which indicates the type of database error encountered. Follow the instructions for that message.
- Contact the Support Center if none of the above applies.

TR1205 Unable to read designated input file. Mailbox (Requestor) ID = &1. Logical name of designated input file = &2. Processing Direction = &3. Usage indicator = pppppppppppp. File handler return code = qqqqqq. File handler extended return code = rrrrrr.

Severity: 12

Problem Determination: The translator encountered an error attempting to read the file containing envelopes to be translated. This error is logged and the application given a return code of 12, extended return code of 5, when a read error is encountered.

User Response: Any of the following actions may be appropriate:

- A message may have been issued by the operating system indicating the type of read error encountered for the file. Follow the instructions on that message to correct the problem.
- Contact the Support Center if none of the above applies.

TR1206 Unable to close designated input file. Mailbox (Requestor) ID = &1. Logical name of designated input file = &2. Processing Direction = &3. Usage indicator = pppppppppppp. File handler return code = qqqqqq. File handler extended return code = rrrrrr.

Severity: 12

Problem Determination: The translator encountered an error attempting to close the file containing envelopes translated. This error is logged and the application given a return code of 12, extended return code of 6, when a close error is encountered.

User Response: Any of the following actions may be appropriate:

- A message may have been issued by the operating system indicating the type of error encountered for the file. Follow the instructions on that message to correct the problem.
- Contact the Support Center if none of the above applies.

TR1207 Processing terminated due to a severe error encountered in functional acknowledgment processing. Trading Partner Nickname = &1. Transaction handle, code, mode, and function = &2. Interchange Control Number = &3. Group Control Number = pppppppppppppppppp. Transaction Control Number = qqqqqqqqqqqqqq.

Severity: 12

Problem Determination: During deenveloping a functional acknowledgment may be created. If a severe error occurs during the creation of the functional acknowledgment that cause database backout to occur then this message will be issued and processing will be terminated. The application will receive a return code of 12, extended return code of 7.

User Response: Look at previous error messages in the AUDIT trail to determine why functional acknowledgment failed to determine what action should be taken.

TR Messages

TR1208 **Processing terminated due to a severe error encountered while updating the Management Reporting databases. Trading Partner Nickname = &1. Transaction handle, code, mode, and function = &2. Interchange Control Number = &3. Group Control Number = pppppppppppppppp. Transaction Control Number = qqqqqqqqqqqqqq.**

Severity: 12

Problem Determination: Management reporting is called to maintain statistics about translation activity. If a severe error occurs attempting to update these statistics that cause database backout to occur then this message will be issued and processing will be terminated. The application will receive a return code of 12, extended return code of 8.

User Response: Look at previous error messages in the AUDIT trail to determine why statistics update failed to determine what action should be taken.

TR1209 **Error reading the control string for the x envelope standard. Mapping (Trading Partner Transaction) ID = &2. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p.**

Severity: 12

Problem Determination: A control string is a series of instructions which control the translation process. A control string is created using the Compile option from the envelope standards dialogue. This error is logged and the application given a return code of 12, extended return code of 09 when there is an error reading this control string.

User Response: Any of the following actions may be appropriate:

- Compile the control string.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR1252 **Error reading the control string for &1 which is the target data format in a fixed-to-fixed mapping. Mapping (Trading Partner Transaction) ID = &2. Internal Trading Partner ID and Data Format = &3. Transaction handle, code, mode, and function = ppp...p.**

Severity: 12

Problem Determination: In a fixed to fixed mapping there is a control string that describes the data format

that is being created (the target format). The key to this control string is the name of the Data Format and it is compiled at the same time a map is compiled using the Compile option during Mapping Definition. This error is logged and the application given a return code of 12, extended return code of 52 if this control string is required but can not be found or could not be loaded into storage.

User Response: Any of the following actions may be appropriate:

- Compile the control string.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR1253 **RAWDATA is being used as input but the data format does not define either a beginning or ending record. Data Format = &1.**

Severity: 12

Problem Determination: When RAWDATA is used as input to the translation process then the data format that defines the input must indicate a record that either begins or ends a transaction. For the specified data format neither of these were provided. This error is logged and the application given a return code of 12, extended return code of 53 when the translator cannot determine when a transaction starts and/or ends.

User Response: Any of the following actions may be appropriate:

- Reformat the data so that "C" and "D" records are provided
- Update the data format so that a beginning and/or an ending record is provided and then compile the control strings for the mappings that use this data format. The compile required flag on the mapping list dialogue can help to identify maps that need to be compiled.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR1254 **RAWDATA is being used as input but the data format does not define a field that contains the trading partner field and no internal trading partner ID was provided as a default. Data Format = &1.**

Severity: 12

Problem Determination: When RAWDATA is used as input to the translation process then the data format that defines the input may indicate a field that will

contain the trading partner field value for this transaction. If a field is not defined in the data format, then a default value must be supplied by using the TPID keyword in the PERFORM command (when using the API, the INTPID field provides the default value). If a field is not defined and a default value is not provided then this error is logged and the application given a return code of 12, extended return code of 54.

User Response: Any of the following actions may be appropriate:

- Reformat the data so that "C" and "D" records are provided and put the internal trading partner ID into the "C" record
- Update the data format so that a field containing the trading partner field is specified and then compile the control strings for the mappings that use this data format. The compile required flag on the mapping list dialogue can help to identify maps that need to be compiled.
- Add the TPID keyword to your PERFORM statement so that a default internal trading partner ID is provided.
- If everything appears correct yet you still get the error, make sure the on-line databases and files are the same ones used by the translation process.
- Contact the support center if none of the above applies.

TR1255 **User exit for processing interchanges is not defined. User Exit name = &1. Return code and extended return code = &2.**

Severity: 12

Problem Determination: DataInterchange is attempting to invoke the user exit defined for processing interchanges and that user exit has not been defined within the USER EXIT Profile. This error is logged and the application given a return code of 12 extended return code of 55, if the user exit routine is not defined.

The return codes logged with this message are the return codes from Profile Services and the most likely error is 8,301 indicating that the member name could not be found.

User Response: This is a terminating error and the user exit name must be defined in the User Exit Profile or the name of the user exit provided in the translator control block must be updated to match an entry within the User Exit Profile. For utility users, the exit name is provided with the IEXIT keyword on the PERFORM command. If you are operating in the CICS environment and you are expecting to EXEC CICS LINK to your program then the exit type (specified with the ITYPE keyword) should not be 'UE'. The

default type in CICS is 'PG' and the default type in MVS is 'UE'.

TR1256 **User exit for processing interchanges returned an error condition. User Exit name = &1. Return code and extended return code = &2.**

Severity: 12

Problem Determination: invoked the user exit defined for processing interchanges and that user exit returned with an error condition.

User Response: This is a terminating error. Use the return codes from this message to determine the error within the user exit.

TR1257 **Mandatory composite data element &1 is missing from the &2 segment. Interchange, group and transaction control numbers = &3. Function = ppp...p. Segment Image = qqg...q.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. a field defined as mandatory must be present in the standard data. This error is logged and the application given a return code of 12, extended return code of 57, if a field defined as mandatory is not present.

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or provide the necessary data for the data element that is missing. This data is generally taken from one of the enveloping profiles (X,E,I,T or U). If this is during a receive, then your trading partner must correct the data that you are processing.

TR1258 **Data element &1 from the &2 segment exceeds the maximum size of &3. Interchange, group and transaction control numbers = ppp...p. Function = qqg...q. Field value = rrr...r.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. The length of the field in this data element exceeds the maximum length of the field as defined in the envelope standard. This error is logged and the application given a return code of 12, extended return code of 58, if a field exceeds the maximum length.

TR Messages

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or shorten the data provided for the data element. If this is during a receive, then your trading partner must correct the data that you are processing.

TR1259 **The value of data element &1 from the &2 segment is not found in the code list (validation table) &3. Interchange, group and transaction control numbers = ppp...p. Function = qq...q. Field value = rrr...r.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. The value of the field in this data element is not found in the code list (validation table) associated with this field. This error is logged and the application given a return code of 12, extended return code of 59, if a field value is not in the code list (table).

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or update the code list (validation table) to include the value that is missing.

TR1260 **The value of data element &1 from the &2 segment is not consistent with the values defined for data type &3. Interchange, group and transaction control numbers = ppp...p. Function = qq...q. Field value = rrr...r.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. The value of the field in this data element is not consistent with the data type for the data element. This error is logged and the application given a return code of 12, extended return code of 60, if the field has an inconsistent value.

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or update the data element to have a value consistent with its type. If this is during a receive, your trading partner must fix the data that you are processing.

TR1261 **Mandatory data element &1 is missing from the &2 segment. Interchange, group and transaction control numbers = &3. Function = ppp...p. Segment Image = qq...q.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. a field defined as mandatory must be present in the standard data. This error is logged and the application given a return code of 12, extended return code of 61, if a field defined as mandatory is not present.

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or provide the necessary data for the data element that is missing. This data is generally taken from one of the enveloping profiles (X,E,I,T or U). If this is during a receive, then your trading partner must correct the data that you are processing.

TR1262 **Data element &1 from the &2 segment does not meet the minimum size requirement of &3. Interchange, group and transaction control numbers = ppp...p. Function = qq...q. Field value = rrr...r.**

Severity: 12

Problem Determination: If asked to do so, via the SERVICESEGVAl keyword the translator will verify the contents of the service segments. These are the interchange, group and transaction header and trailer segments. The length of the field in this data element does not meet the minimum required length of the field as defined in the envelope standard. This error is logged and the application given a return code of 12, extended return code of 62, if a field is too short.

This is considered a terminating type error. The translator will discontinue processing.

User Response: Turn validation of service segments off by not using the SERVICESEGVAl keyword or lengthen the data provided for the data element. If this is during a receive, then your trading partner must correct the data that you are processing.

TR1263 **An error occurred attempting to get an exclusive lock on the EDIVTSLT table. Trading Partner Nickname = &1. Transaction handle, code, mode, and function = &2. Interchange Control Number = &3. Group Control Number = pppppppppppppppp. Transaction Control Number = qqqqqqqqqqqqqq.**

- Contact the Support Center if none of the above applies.

Severity: 12

Problem Determination: Prior to updating the database, obtains an exclusive lock on the EDIVTSLT table. This lock is used to serialize all translation processes during database updates and is done to prevent deadlocks between translation processes. If any error occurs attempting to get this lock then this error message will be logged and the application will receive a return code of 12, extended return code of 63.

User Response: The most likely error is a timeout occurring because some other process is holding the lock on the EDIVTSLT table for an excessive amount of time. If RECOVERY(E) has been specified and the number of transactions in the interchange exceeds the INMEMTRANS amount then the EDIVTSLT lock will be held from the time INMEMTRANS is reached until the interchange is complete. This should be avoided in an environment with concurrent translations. If the application is controlling the SYNC interval then the application might need to change its design so that the lock is held for shorter periods of time or the DB2 timeout interval needs to be increased.

TR1264 **Control number insert failed. Trading Partner Nickname = &1. Receiver ID = &2. Receiver Qualifier = &3 Usage indicator = pppppppppppp. Mapping (Trading Partner Transaction) ID = qqqqqqqqqqqqqq.**

Severity: 12

Problem Determination: During enveloping the translator inserts a new control number record when one does not exist for the current sender receiver combination. This error is logged and the application given a return code of 12, extended return code 10, if the attempt to read the trading partner profile results in an error. There will be an entry in the log preceding this entry which reports the type of error encountered.

User Response: Any of the following actions may be appropriate:

- The trading partner profile member may have been deleted. If so, then use the on-line Profile Maintenance facility to put the entry back.
- Make sure the transaction process has update authority on the Profile dataset.
- Follow the instructions for the message preceding this message in the log.

TS Messages

TS0050 An attempt was made to request status updates while another request was being processed. Only one request is allowed at a time. The second request is terminated.

Severity: 8

Problem Determination: An attempt was made to request status updates while another request was being processed. Only one request is allowed at a time. The second request is terminated.

User Response: If an attempt to request status updates was terminated because another request was being processed, try the second request at a later time; the request will be honored after the current request has completed.

TS0100 A request to allocate memory failed, program terminated.

Severity: 12

Problem Determination: The Service Director Environmental Service request for memory failed, indicating there is no more virtual storage.

User Response:

- Run the job again. If it fails increase the amount of the virtual storage.
- If you can not resolve this problem, call your support center.

TS0110 The following PERFORM command is unknown: &1.

Severity: 8

Problem Determination: The syntax of the PERFORM command itself (before the first WHERE clause) is invalid.

User Response:

- Check the spelling of desired command to make sure it is correct.
- If you can not resolve this problem, call your support center.

TS0120 A mandatory WHERE clause is missing from the following PERFORM command: &1.

Severity: 8

Problem Determination: A PERFORM command was not followed by a WHERE clause.

User Response:

- Insert a valid WHERE clause.
- If you can not resolve this problem, call your support center.

TS0130 The following statement is invalid: &1.

Severity: 8

Problem Determination: The syntax of the command language is invalid.

User Response:

- Examine the command language statements to find the error.
- If you can not resolve this problem, call your support center.

TS0140 A keyword in the following statement is invalid: &1.

Severity: 8

Problem Determination: A keyword in a WHERE clause does not match any of the valid keywords.

User Response:

- Check the spelling of all keywords in the WHERE clause to determine which keyword is invalid.
- If you can not resolve this problem, call your support center.

TS0150 A value was not supplied with a keyword in the following statement: &1.

Severity: 8

Problem Determination: A keyword was given, but no value was specified inside the delimiters.

User Response:

- Enter a value inside the delimiters.
- If you can not resolve this problem, call your support center.

TS0160 A value specified is too long for the associated keyword in the following statement: &1.

Severity: 8

Problem Determination: The length of a value specified inside the delimiters is greater than the maximum allowable size for that field.

User Response:

- Check the length of the field in question and shorten the value to the maximum allowable size.
- If you can not resolve this problem, call your support center.

TS0170 A keyword in the following statement appears more than once: &1.

Severity: 8

Problem Determination: A keyword was given more

than once in the same WHERE clause, this is not allowed.

User Response:

- Remove the duplicate keyword.
- Add another WHERE clause with the keyword specified in it.
- If you can not resolve this problem, call your support center.

TS0180 **A mandatory WHERE or SELECTING keyword is missing or invalid in the following: &1.**

Severity: 8

Problem Determination: A PERFORM command was not followed by a WHERE keyword.

User Response:

- Insert a valid WHERE clause.
- If you can not resolve this problem, call your support center.

TS0190 **The date value is invalid in the following: &1.**

Severity: 8

Problem Determination: One of the date keywords was used in a WHERE clause, but the value was specified incorrectly.

User Response:

- Set the date value to the format specified in the current language profile (ENU is the American English default).
- Use the relative date wildcard '*' and adjust to the desired date using the "-number of days" (example: (*-1) meaning yesterday) option.
- If you can not resolve this problem, call your support center.

TS0200 **The time value is invalid in the following: &1.**

Severity: 8

Problem Determination: One of the time keywords was used in a WHERE clause, but the value was specified incorrectly.

User Response:

- Set the time value to the format specified in the current language profile (ENU is the American English default).
- Use the relative time wildcard '*' to represent the current time.
- If you can not resolve this problem, call your support center.

TS0210 **The first non-blank character after a keyword in the following is not the beginning delimiter: &1.**

Severity: 8

Problem Determination: A keyword was specified but the beginning delimiter did not follow.

User Response:

- Insert the beginning delimiter between the keyword and the associated value.
- If you can not resolve this problem, call your support center.

TS0220 **The end delimiter was not found after a keyword and value in the following: &1.**

Severity: 8

Problem Determination: A keyword and value was specified but an end delimiter was not found.

User Response:

- Insert the end delimiter after the associated value.
- If you can not resolve this problem, call your support center.

TS0230 **A mandatory SELECTING clause is missing from the following PERFORM command: &1.**

Severity: 8

Problem Determination: A PERFORM command was not followed by a SELECTING clause.

User Response:

- Insert a valid SELECTING clause.
- If you can not resolve this problem, call your support center.

TS0240 **A value specified is not numeric for the associated keyword in the following statement: &1.**

Severity: 8

Problem Determination: The value specified inside the delimiters is not a numeric value.

User Response: Change the value to a numeric value (digits 0 thru 9 only).

TS0500 **Functional acknowledgment with handle &1 is a duplicate acknowledgment for group control number &2 and trading partner &3.**

Severity: 4

Problem Determination: This message is logged by Transaction Services when a functional acknowledgment is received that will update duplicate acknowledgment information.

TS Messages

User Response:

- No action required.

TV Messages

TV0001 **Alphanumeric code list (validation table) &1 does not exist and therefore cannot be used to override the ALPHANUM validation table. Processing will continue.**

Severity: 4

Problem Determination: The code list (validation table) mentioned in the message does not exist but was specified as an override.

User Response: Either add the code list (validation table) or remove the reference causing the warning message to be generated.

TV0002 **Character set code list (validation table) &1 does not exist and therefore cannot be used to override the CHARSET validation table. Processing will continue.**

Severity: 4

Problem Determination: The code list (validation table) mentioned in the message does not exist but was specified as an override.

User Response: Either add the code list (validation table) or remove the reference causing the warning message to be generated.

UP Messages

UP0001 **A fatal error occurred during parsing of XML document &1 at line &2, column &3. Message text from parser is ppp...p.**

Severity: 8

Problem Determination: The XML4C or XML4J parser encountered a fatal error while parsing an XML document.

User Response: Examine the message returned from the XML Parser to determine the action to take.

Note: treats the input XML file as a continuous buffer of data. It does not maintain record boundaries, unless they are indicated by record delimiters such as newline or carriage return/line feed characters within the data. If there are no record delimiter characters in the data, the record number may always be 1, and the offset may be the byte offset where the parser detected the error.

UP0002 **A severe error occurred during parsing of XML document &1 at line &2, column &3. Message text from parser is ppp...p.**

Severity: 8

Problem Determination: The XML4C or XML4J parser encountered a severe error while parsing an XML document. This typically indicates a validation error detected while validating the document against the DTD.

User Response: Examine the message returned from the XML Parser to determine the action to take.

Note: treats the input XML file as a continuous buffer of data. It does not maintain record boundaries, unless they are indicated by record delimiters such as newline or carriage return/line feed characters within the data. If there are no record delimiter characters in the data, the line number may always be 1, and the column may be the byte offset where the parser detected the error.

UP0003 **A warning occurred during parsing of XML document &1 at line &2, column &3. Message text from parser is ppp...p.**

Severity: 4

Problem Determination: The XML4C or XML4J parser encountered a warning while parsing an XML document.

User Response: Examine the message returned from the XML Parser to determine the action to take.

Note: treats the input XML file as a continuous buffer of data. It does not maintain record boundaries, unless they are indicated by record delimiters such as newline or carriage return/line feed characters within the data. If there are no record delimiter characters in the data, the line number may always be 1, and the column may be the byte offset where the parser detected the error.

UP0004 **An attempt to create and initialize an AMM element failed. The AMM cpiCreateAndInitializeElement return code was &1.**

Severity: 8

Problem Determination: An attempt was made to create an AMM element. This attempt failed with the AMM cpiCreateAndInitializeElement return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiCreateAndInitializeElement return code. If possible, take corrective action. Otherwise, consult your support center.

UP0005 **An attempt to add an AMM element failed. The AMM cpiAddAsLastChild return code was &1.**

Severity: 8

Problem Determination: An attempt was made to add an AMM element. This attempt failed with the AMM cpiAddAsLastChild return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiAddAsLastChild return code. If possible, take corrective action. Otherwise, consult your support center.

UP0006 **An attempt to assign an element value type to an AMM element failed. AMM cpiSetElementCharacterValue return code was &1.**

Severity: 8

Problem Determination: An attempt was made to assign an element value type to an AMM element. This attempt failed with the AMM cpiSetElementCharacterValue return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiSetElementCharacterValue return code. If possible, take corrective action. Otherwise, consult your support center.

UP0007 **An attempt was made to retrieve the parent of an AMM element. AMM cpiParent return code was &1.**

Severity: 8

Problem Determination: An attempt was made to retrieve the parent of an AMM element. This attempt failed with the AMM cpiParent return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiParent return code. If possible, take corrective action. Otherwise, consult your support center.

UP0008 **Could not initialize XML Parser. Error text is &1.**

Severity: 12

Problem Determination: An error occurred trying to initialize the XML parser.

User Response: Examine error text returned from XML parser and make necessary changes.

UP0009 **Exception caught parsing XML document. Exception text is &1.**

Severity: 8

Problem Determination: An error occurred calling XML4C parser.

User Response: Examine exception text and make necessary changes.

UP0010 **Call to obtain DTD name failed. Exception text is &1.**

Severity: 8

Problem Determination: An exception was caught while trying to obtain the DTD name.

User Response: Analyze exception text and report error to support personnel if unable to resolve.

UP0011 **Call to AMM function cpiCreateParserFactory failed. Return Code was &1.**

Severity: 12

Problem Determination: An attempt was made to create a parser factory. This attempt failed with the cpiCreateParserFactory return code shown. The parser did not complete successfully.

User Response: Look up the cpiCreateParserFactory return code. If possible, take corrective action. Otherwise, consult your support center.

UP0012 **Call to AMM function cpiDefineParserClass failed. Return Code was &1.**

Severity: 12

Problem Determination: An attempt was made to create a parser factory. This attempt failed with the cpiDefineParserClass return code shown. The parser did not complete successfully.

User Response: Look up the cpiDefineParserClass return code. If possible, take corrective action. Otherwise, consult your support center.

UP0013 **Call to AMM to access input buffer failed. Return Code was &1.**

Severity: 12

Problem Determination: An attempt was made to access input buffer. This attempt failed with the return code shown. The parser did not complete successfully.

User Response: Contact your support center.

UP0014 **An attempt to retrieve an AMM root element failed. The AMM cpiRootElement return code was &1 and the message object address was &2.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM root element. This attempt failed with the AMM cpiRootElement return code shown. If the return code was zero, this means that cpiRootElement returned a NULL pointer as the root element address (a NULL root element address is invalid). The parser did not complete successfully.

User Response: Look up the AMM cpiRootElement return code. If possible, take corrective action. Otherwise, consult your support center.

UP0015 **An attempt to get the metadata in an AMM message failed. The AMM cciGetMetaData return code was &1 and the body element address was &2.**

Severity: 8

Problem Determination: An attempt was made to get the metadata in an AMM message. This attempt failed with the AMM cciGetMetaData return code shown. The parser did not complete successfully.

User Response: Look up the AMM cciGetMetaData return code. If possible, take corrective action. Otherwise, consult your support center.

UP Messages

UP0016 An attempt to retrieve an AMM element failed. The AMM `cpifirstChild` return code was *&1* and the search address was *&2*.

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element. This attempt failed with the AMM `cpifirstChild` return code shown. The parser did not complete successfully.

User Response: Look up the AMM `cpifirstChild` return code. If possible, take corrective action. Otherwise, consult your support center.

UP0017 Call to AMM to append to output buffer failed. Record number was *&1*. Return Code was *&2*.

Severity: 12

Problem Determination: An attempt was made to append to output buffer. This attempt failed with the return code shown. The parser did not complete successfully.

User Response: Contact your support center.

UP0018 An attempt to retrieve an AMM element name failed. The AMM `cpielementName` return code was *&1* and the search address was *&2*.

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element name. This attempt failed with the AMM `cpielementName` return code shown. The parser did not complete successfully.

User Response: Look up the AMM `cpielementName` return code. If possible, take corrective action. Otherwise, consult your support center.

UP0019 An attempt to retrieve an element value type for an AMM element failed. The AMM `cniElementValueType` return code was *xxx...x*, the element address was *yyy...y*.

Severity: 8

Problem Determination: An attempt was made to retrieve an element type for an AMM element. This attempt failed with the AMM `cniElementValueType` return code shown. The parser did not complete successfully.

User Response: Look up the AMM `cniElementValueType` return code. If possible, take corrective action. Otherwise, consult your support center.

UP0020 An attempt to retrieve an AMM element value failed. The AMM `cpielementValue` return code was *&1*, the element address was *&2*, and the value type was *&3*.

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element value. This attempt failed with a non-zero return code. The parser did not complete successfully.

User Response: For value type `BOOL`, look up the AMM `cpielementBooleanValue` return code. For value type `INTEGER`, look up the AMM `cpielementIntegerValue` return code. For value type `REAL`, look up the AMM `cpielementRealValue` return code. For value type `CHAR`, look up the AMM `cpielementCharacterValue` return code. And for value type `BYTEARRAY`, look up the AMM `cpielementByteArrayValue` return code. If possible, take corrective action. Otherwise, consult your support center.

UP0021 Unable to identify the input data record. Record number was *&1*. Data Image *&2*.

Severity: 8

Problem Determination: Parser was unable to identify the input record. The parser did not complete successfully.

User Response: Check keywords that may have been specified on the `PERFORM` command to identify dictionary and document type. For application data: Ensure all records are defined properly and application data control string has been created. For EDI data: Ensure the correct EDI standard control string has been created. Otherwise, consult your support center.

UP0022 Record *&1* received but parent record *&2* was not received. Record number was *&3*.

Severity: 8

Problem Determination: The record received has a parent record specified in the data format. The parent record was not received and is mandatory. The parser did not complete successfully.

User Response: Check keywords that may have been specified on the `PERFORM` command to identify dictionary and document type. Ensure the application data is correct or change the data format definition and remove the parent child relationship. Ensure data format control string has been created.

UP0023 **The data received has exceeded the maximum repetitions specified. Record number was &1. Data Identification was &2 and maximum repetitions was &3.**

Severity: 8

Problem Determination: The maximum repetitions has been exceeded for the data received

User Response: Ensure the application data is correct or change the data format definition and increase the number of repetitions. Ensure data format control string has been created. Otherwise, consult your support center.

UP0024 **Unable to convert data received. Record number was &1. Return code was &2, data value was &3, data type was ppp...p, and length was qqg...q.**

Severity: 8

Problem Determination: Parser was unable to convert the source data based on the data type specified.

User Response: Check the source data definition to ensure the data type specified matches the source data. Otherwise, consult your support center.

UP0025 **Application data not defined in data format definition. Record number was &1. Data Identification was &2.**

Severity: 8

Problem Determination: Parser was unable to locate the application data definition in the control string.

User Response: Check keywords that may have been specified on the PERFORM command to identify dictionary and document type. For application data: Ensure all records are defined properly in the Data Format definition and the data format control string has been created. Otherwise, consult your support center.

UP0026 **The length of the data received is greater than the length specified in the metadata. Data was truncated. Record number was &1. Field name was &2 with length &3. Data value was ppp...p and data length was qqg...q.**

Severity: 4

Problem Determination: The length of the data received is greater than the length specified. Data was truncated.

User Response: Ensure the input data is correct or change the definition definition and increase the field length. Ensure that the control string has been created.

UP0027 **The length of the data received is less than the minimum length specified in the metadata. Data was padded. Record number was xxx...x. Field name was yyy...y with length zzz...z, data value was ppp...p and data length was qqg...q.**

Severity: 4

Problem Determination: The length of the data received is less than the minimum length specified. Data was padded.

User Response: Ensure the input data is correct or change the definition definition and decrease the field length. Ensure that the control string has been created.

UP0028 **An attempt to retrieve an element type for an AMM element failed. The AMM cpiElementType return code was &1, the element address was &2.**

Severity: 8

Problem Determination: An attempt was made to retrieve an element type for an AMM element. This attempt failed with the AMM cpiElementType return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiElementType return code. If possible, take corrective action. Otherwise, consult your support center.

UP0029 **An attempt to assign an AMM element value type failed. The AMM cpiSetElementValue return code was &1, the element address was &2, and the value type was &3.**

Severity: 8

Problem Determination: An attempt was made to assign an AMM element value type. This attempt failed with a non-zero return code. The parser did not complete successfully.

User Response: For value type BOOL, look up the AMM cpiSetElementBooleanValue return code. For value type INTEGER, look up the AMM cpiSetElementIntegerValue return code. For value type REAL, look up the AMM cpiSetElementRealValue return code. For value type CHAR, look up the AMM cpiSetElementCharacterValue return code. And for value type BYTEARRAY, look up the AMM cpiSetElementByteArrayValue return code. If possible, take corrective action. Otherwise, consult your support center.

UP Messages

UP0030 **The EDI segment delimiter was not found in the input data. Record number was &1. Segment delimiter was &2. Data Image &3.**

Severity: 8

Problem Determination: The EDI parser was unable to locate the segment delimiter in the input data. The parser did not complete successfully.

User Response: Check the EDI data to see if the delimiters are correctly specified. Correct the data or have your trading partner resend a correctly formatted envelope. If the envelope appears to be formatted correctly, contact your support center.

UP0031 **An attempt to retrieve an AMM element failed. The AMM cpiNextSibling return code was &1 and the search address was &2.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element. This attempt failed with the AMM cpiNextSibling return code shown. The parser did not complete successfully.

User Response: Look up the AMM cpiNextSibling return code. If possible, take corrective action. Otherwise, consult your support center.

UP0032 **The segment count in the message trailer &1 does not match the number of segments counted &2. Message control number was &3.**

Severity: 8

Problem Determination: The segment count in the message trailer does not match the number of segments counted. The parser did not complete successfully.

User Response: Correct the segment count on the message trailer or have your trading partner resend a correctly formatted envelope. If the envelope appears to be formatted correctly, contact your support center.

UP0033 **The DICTIONARY or DOCUMENT values used for parsing were not specified or are blank.**

Severity: 8

Problem Determination:

For application data the DICTIONARY and DOCUMENT keywords are mandatory and were not specified on the PERFORM command or are blank.

For EDI data the DICTIONARY and DOCUMENT keywords are optional and override values found in the GS08 or UNH04 for DICTIONARY using the EDI2DICT

translation table. The ST01 or UNH02 are used for DOCUMENT value.

User Response:

For application data the DICTIONARY and DOCUMENT keywords are mandatory and must be specified on the PERFORM command. The parser will not process successfully.

For EDI data ensure the DICTIONARY is specified as a keyword or that the group value in the EDI data is defined the EDI2DICT translation table and a control string has been created for this document. The parser will continue to process without a control string or metadata but may produce unexpected results.

UP0034 **Comma separated data is not a supported option for data formats that contain structures.**

Severity: 8

Problem Determination:

The comma separated option was specified for the data format, but the data format contains structures in one or more of the records. Data formats that use structures must use fixed records. Comma-separated structures are not supported.

User Response:

Change the data format to use fixed records instead of comma separated data, or remove the structure from the data format. Then run the job again.

UP0035 **The offset and length of the data received is greater than the record length specified in the metadata. Record was truncated. Record number was xxx...x. Field name was yyy...y with length zzz...z at record offset ppp...p. Record length was qqg...g.**

Severity: 4

Problem Determination: The length of the data received is greater than the record length specified. Record was truncated.

User Response: Ensure the input data is correct and check the Data Format definition. Ensure that record id fields are defined for each record. Ensure that the control string has been created.

UT Messages

UT0001 **A malloc failed in the Message Broker error logging routine.**

Severity: 12

Problem Determination: This error indicates a probable out-of-storage condition. The Message Broker error logging routine (ediLog) mallocs exception nodes for each error message and chains them together. This error occurred when ediLog attempted to malloc a new node. The symptom string shown in the message indicates the exception point. No new exception nodes were added to the list following this error.

User Response: This error indicates a probable out-of-storage condition. The transformation did not complete successfully. Correct the out-of-storage condition and rerun the transformation.

UT0002 **The codepage converter failed to initialize. The multibyte codepage specified was &1.**

Severity: 12

Problem Determination: The most probable cause for this error is that the converter file for iconv_open() could not be opened. This would happen if either the converter does not exist on your system or it could not be found. The transformation did not complete successfully.

User Response: Check the following:

- If you are running under MVS batch using OS/390 V2R8 or earlier, the converter tables are expected to be in PDS CEE.SCEEUTBL. Copy the converter tables to that partitioned dataset, or use codepage IBM-1047 or LOCALCP (treated as IBM-1047 if no converter is found).
- If you are running under CICS using OS/390 V2R8 or earlier, only codepages IBM-1047 and LOCALCP (treated as IBM-1047 if no converter is found) are supported. You must use one of these codepages.
- If you are running under OS/390 V2R9 or later, or if none of the above applies, this means that no converter is available on your system for the specified codepage. You must use a different codepage.

If you have questions about this, contact your systems programmer and/or support center.

UT0003 **An attempt to retrieve an AMM root element failed. The AMM cniRootElement return code was &1 and the message object address was &2.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM root element. This attempt failed with

the AMM cniRootElement return code shown. If the return code was zero, this means that cniRootElement returned a NULL pointer as the root element address (a NULL root element address is invalid). The transformation did not complete successfully.

User Response: Look up the AMM cniRootElement return code. If possible, take corrective action. Otherwise, consult your support center.

UT0004 **An attempt to retrieve an AMM element failed. The AMM cniSearchFirstChild return code was &1, the search address was &2, the compare mode was &3, the element type was ppp...p, and the element name was qq...q.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element. This attempt failed with the AMM cniSearchFirstChild return code shown. If the return code was zero, this means that cniSearchFirstChild returned a NULL pointer as the element address (a NULL pointer indicates element-not-found) and the element sought was mandatory. The transformation did not complete successfully.

User Response: Look up the AMM cniSearchFirstChild return code. If possible, take corrective action. Otherwise, consult your support center.

UT0005 **An attempt to retrieve an AMM byte-array value failed. The AMM cniElementByteArrayValue return code was &1 and the element address was &2.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM byte-array value. This attempt failed with the AMM cniElementByteArrayValue return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniElementByteArrayValue return code. If possible, take corrective action. Otherwise, consult your support center.

UT Messages

UT0006 An attempt to convert a unicode string to a multibyte string failed. The cvtUcs2Mbs return code was &1, the unicode string was &2, and the unicode string length was &3.

Severity: 8

Problem Determination: An attempt was made to convert a unicode string to a multibyte string. This attempt failed with the cvtUcs2Mbs return code shown. The transformation did not complete successfully.

User Response: Look up the cvtUcs2Mbs return code. If possible, take corrective action. Otherwise, consult your support center.

UT0007 An attempt to open a session with DB2 failed. The DB2 return code was &1, the DB2 reason code was &2, the DB2 subsystem name was &3, and the DB2 plan name was ppp...p.

Severity: 8

Problem Determination: An attempt was made to open a session with DB2. This attempt failed with the DB2 return code and reason code shown. The transformation did not complete successfully.

User Response: Look up the return code and reason code in the DB2 Messages and Codes manual, and correct the problem. If the problem seems to be a DSN/CAF problem, keep in mind the transformation modules need to be linked with DSNHLI for DSN (TSO/IKJEFT01) or with DSNALI for CAF (MVS batch). If you cannot resolve this problem, consult your DBA and/or support center.

UT0008 Map name being processed: &1.

Severity: 0

Problem Determination: This is an informational message only showing the map name being processed.

User Response: None.

UT0009 An attempt to retrieve an AMM element failed. The AMM cniLastChild return code was &1 and the search address was &2.

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element. This attempt failed with the AMM cniLastChild return code shown. If the return code was zero, this means that cniLastChild returned a NULL pointer as the element address (a NULL pointer indicates element-not-found) and the element sought was mandatory. The transformation did not complete successfully.

User Response: Look up the AMM cniLastChild return code. If possible, take corrective action. Otherwise, consult your support center.

UT0010 A request for storage (malloc or new) failed.

Severity: 12

Problem Determination: This error indicates a probable out-of-storage condition. A malloc request or new operation returned a NULL value.

User Response: This error indicates a probable out-of-storage condition. The transformation did not complete successfully. Correct the out-of-storage condition and rerun the transformation.

UT0011 The transformation node (DTC) was unable to process a control string instruction. The control string instruction was xxx...x, the instruction stream offset was yyy...y, and the map name was zzz...z.

Severity: 8

Problem Determination: The transformation node (DTC) was unable to process a control string instruction. The transformation did not complete successfully.

User Response: Recompile the map's control string and retry the transformation. If the problem recurs, specify TRACELEVEL(T2) on the Utility PERFORM command and rerun the transformation. Provide your support center the print file and trace listing from the errant run, an export file containing the map and all its associated objects, and the input data file.

UT0012 An attempt to convert a multibyte string to a unicode string failed. The cvtMbs2Ucs return code was &1, the multibyte string was &2, and the multibyte string length was &3.

Severity: 8

Problem Determination: An attempt was made to convert a multibyte string to a unicode string. This attempt failed with the cvtMbs2Ucs return code shown. The transformation did not complete successfully.

User Response: Look up the cvtMbs2Ucs return code. If possible, take corrective action. Otherwise, consult your support center.

UT0013 **An attempt to finalize an AMM failed. The AMM `cniFinalize` return code was &1 and the message object address was &2.**

Severity: 8

Problem Determination: An attempt was made to finalize an AMM. This attempt failed with the AMM `cniFinalize` return code shown. The transformation did not complete successfully.

User Response: Look up the AMM `cniFinalize` return code. If possible, take corrective action. Otherwise, consult your support center.

UT0014 **An attempt to propagate an AMM failed. The AMM `cniPropagate` return code was &1 and the message object address was &2.**

Severity: 8

Problem Determination: An attempt was made to propagate an AMM. This attempt failed with the AMM `cniPropagate` return code shown. The transformation did not complete successfully.

User Response: Look up the AMM `cniPropagate` return code. If possible, take corrective action. Otherwise, consult your support center.

UT0015 **An attempt to delete an AMM failed. The AMM `cniDeleteMessage` return code was &1 and the message object address was &2.**

Severity: 4

Problem Determination: An attempt was made to delete an AMM. This attempt failed with the AMM `cniDeleteMessage` return code shown. The transformation may or may not have completed successfully.

User Response: Look up the AMM `cniDeleteMessage` return code. If possible, take corrective action. Otherwise, consult your support center.

UT0016 **An attempt to select a row from the control string DB2 table (EDICSTX) failed. The SQL code was &1, the control string name was &2, the control string type was &3, and the sequence number was *ppp...p*.**

Severity: 8

Problem Determination: An error occurred attempting to select a row from the control string DB2 table. This error occurred on an EXEC SQL SELECT statement. The transformation did not complete successfully.

User Response: Look up the SQL code in the DB2 Messages and Codes manual and take appropriate action. If the SQL code was 100 and the sequence number was greater than 1, it could be that there is a discrepancy between the length of the actual database records and the length declared in the control string header. If this is suspected, recompile the control string and retry the transformation. If you are unable to resolve this problem, consult your DBA and/or support center.

UT0017 **The control string selected (&1) was not a transformation control string.**

Severity: 8

Problem Determination: The control string read was not a transformation (or any-to-any) control string. This was determined by the fact that the control string header eye-catcher was not "DICTRLSTR". The transformation did not complete successfully.

User Response: Make sure that the transformation involves a valid transformation control string and retry.

UT0018 **A mismatch was found between the system type specified in the control string and the system type of the run-time environment. The control string name was &1, the control string system type was &2, and the run-time environment system type was &3.**

Severity: 8

Problem Determination: Before control string processing begins a system type check occurs between the system type specified in the control string and the system type of the run-time environment. These two types did not match. The system type codes are: 1 for MVS/CICS, 2 for AIX®, and 3 for Windows®. The transformation did not complete successfully.

User Response: In Client, the run-time environment is specified using the Server Platform field in the Systems editor. Verify that the Server Platform for the System matches the environment in which the translator is running. Recompile the map and retry the transformation.

UT0019 **A control string length error was encountered. The control string length specified in the control string header did not match the actual length of the record(s) in the DB2 table. The control string name was &1 and the control string length specified in the header was &2.**

Severity: 8

Problem Determination: A discrepancy was found between the length specified in the control string

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header and the actual length of the database record(s). The transformation did not complete successfully.

User Response: Recompile the control string and retry the transformation. If the problem persists, consult your support center.

UT0020 **The transformation node (DTC) was unable to process a control string instruction operand.**

Severity: 8

Problem Determination: The transformation node (DTC) was unable to process a control string instruction operand. The transformation did not complete successfully.

User Response: Recompile the map's control string and retry the transformation. If the problem recurs, specify TRACELEVEL(T2) on the Utility PERFORM command and rerun the transformation. Provide your support center the print file and trace listing from the errant run, an export file containing the map and all its associated objects, and the input data file.

UT0021 **An attempt to retrieve an AMM element value failed. The AMM cniElementValue return code was xxx...x, the element name was yy...y, the element type was zz...z, the element address was pp...p, and the value type was qq...q.**

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM element value. This attempt failed with a non-zero return code. The transformation did not complete successfully.

User Response: If the element type is not "V" or "NV" contact the support center. For value type BOOL, look up the AMM cniElementBooleanValue return code. For value type INTEGER, look up the AMM cniElementIntegerValue return code. For value type REAL, look up the AMM cniElementRealValue return code. For value type CHAR, look up the AMM cniElementCharacterValue return code. And for value type BYTEARRAY, look up the AMM cniElementByteArrayValue return code. If possible, take corrective action. Otherwise, consult your support center.

UT0022 **An attempt to create a new AMM message failed. The AMM cniCreateMessage return code was &1.**

Severity: 8

Problem Determination: An attempt was made to create a new AMM message. This attempt failed with the AMM cniCreateMessage return code shown. If the return code was zero, this means that cniCreateMessage

returned a NULL pointer as the message address (a NULL message address is invalid). The transformation did not complete successfully.

User Response: Look up the AMM cniCreateMessage return code. If possible, take corrective action. Otherwise, consult your support center.

UT0023 **An AMM element could not be created. The AMM cniCreateElementAsLastChild UsingParser return code was &1, the parent element address was &2, and the parser name was &3.**

Severity: 8

Problem Determination: An attempt was made to create an AMM element. This attempt failed with the AMM cniCreateElementAsLastChildUsingParser return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniCreateElementAsLastChildUsingParser return code. If possible, take corrective action. Otherwise, consult your support center.

UT0024 **An attempt to name an AMM element failed. The AMM cniSetElementName return code was &1, the element address was &2, and the name was &3.**

Severity: 8

Problem Determination: An attempt was made to name an AMM element. This attempt failed with the AMM cniSetElementName return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniSetElementName return code. If possible, take corrective action. Otherwise, consult your support center.

UT0025 **An attempt to assign an element type to an AMM element failed. The AMM cniSetElementType return code was &1, the element address was &2, and the type was &3.**

Severity: 8

Problem Determination: An attempt was made to assign an element type to an AMM element. This attempt failed with the AMM cniSetElementType return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniSetElementType return code. If possible, take corrective action. Otherwise, consult your support center.

UT0026 **An attempt to set the metadata in an AMM message failed. The AMM cciSetMetaData return code was &1 and the body element address was &2.**

Severity: 8

Problem Determination: An attempt was made to set the metadata in an AMM message. This attempt failed with the AMM cciSetMetaData return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cciSetMetaData return code. If possible, take corrective action. Otherwise, consult your support center.

UT0027 **An attempt to create an AMM element failed. The AMM cniCreateElementAsPosition return code was &1, the parent element address was &2, and the sibling sequence number was &3.**

Severity: 8

Problem Determination: An attempt was made to create an AMM element. This attempt failed with the AMM cniCreateElementAsPosition return code shown. If the return code was zero, this means that cniCreateElementAsPosition returned a NULL pointer as the element address (a NULL element address is invalid). The transformation did not complete successfully.

User Response: Look up the AMM cniCreateElementAsPosition return code. If possible, take corrective action. Otherwise, consult your support center.

UT0028 **A maximum data length of &1 has been specified for map variable &2, and that length has been exceeded. The data in the variable has been truncated to the maximum length specified.**

Severity: 4

Problem Determination: A maximum data length has been specified for a map variable, and that length has been exceeded. The data in the variable has been truncated to the maximum length specified. This condition had no impact on the transformation process. The transformation as a whole may or may not have completed successfully.

User Response: Verify that the truncation that occurred is acceptable and did not adversely affect the output. If the truncation is not acceptable, you may want to investigate why the length was exceeded. To see the variable data during transformation, rerun the PERFORM TRANSFORM command with TRACELEVEL(T1) specified. It may be that you simply want to adjust the maximum length associated with the

variable in the map, recompile the control string, and rerun the transformation.

UT0029 **An attempt to set an AMM element value failed. The AMM cniSetElementValue return code was &1, the element address was &2, and the value type was &3.**

Severity: 8

Problem Determination: An attempt was made to set an AMM element value. This attempt failed with a non-zero return code. The transformation did not complete successfully.

User Response: For value type BOOL, look up the AMM cniSetElementBooleanValue return code. For value type INTEGER, look up the AMM cniSetElementIntegerValue return code. For value type REAL, look up the AMM cniSetElementRealValue return code. For value type CHAR, look up the AMM cniSetElementCharacterValue return code. And for value type BYTEARRAY, look up the AMM cniSetElementByteArrayValue return code. If possible, take corrective action. Otherwise, consult your support center.

UT0030 **An attempt to retrieve an AMM attribute value failed. The AMM cciGetMsgAttribute return code was &1 and the attribute name was &2.**

Severity: 4

Problem Determination: An attempt was made to retrieve an AMM attribute value. This attempt failed with the AMM cciGetMsgAttribute return code shown. The transformation process continued despite this error. The success of the transformation as a whole may have to be evaluated.

User Response: Look up the AMM cciGetMsgAttribute return code. If possible, take corrective action. Otherwise, consult your support center.

UT0031 **An attempt to set an AMM attribute value failed. The AMM cciSetMsgAttribute return code was &1, the attribute name was &2, and the attribute value was &3.**

Severity: 8

Problem Determination: An attempt was made to set an AMM attribute value. This attempt failed with the AMM cciSetMsgAttribute return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cciSetMsgAttribute return code. If possible, take corrective action. Otherwise, consult your support center.

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UT0032 An attempt to retrieve an AMM attribute value failed. The AMM `cciGetMsgAttribute` return code was *&1* and the attribute name was *&2*.

Severity: 8

Problem Determination: An attempt was made to retrieve an AMM attribute value. This attempt failed with the AMM `cciGetMsgAttribute` return code shown. If the return code was zero, this means that `cciGetMsgAttribute` returned a NULL attribute value. The transformation did not complete successfully.

User Response: Look up the AMM `cciGetMsgAttribute` return code. If possible, take corrective action. Otherwise, consult your support center.

UT0033 Message text: *&1*. This message was logged with severity code *&2* and user code *&3*.

Severity: 0

Problem Determination: This is a user-specified message. It was generated during transformation because an error command was encountered in the map's control string. If the severity code was zero, this message was informational only and it had no impact on the transformation process. However, if the severity code was not zero, this indicates that the transformation process stopped and the transformation was not successful. The severity code was determined by the user in the map's error command. If the error level set in the map's error command was greater than the acceptable error level established for the trading partner, a non-zero severity code would ensue.

User Response: If the severity code was not zero, correct the condition that caused it and rerun the transformation.

UT0034 The transformation node (DTC) attempted to decode a string, but the string length was not valid. The number of characters in a string to be decoded must be an even number.

Severity: 8

Problem Determination: An attempt was made to decode a string. This attempt failed because the string contained an odd number of characters. The number of characters in a string to be decoded must be an even number. The transformation did not complete successfully.

User Response: Correct the errant string and rerun the transformation.

UT0035 The transformation node (DTC) was executing a decode instruction, and a character value was encountered that could not be decoded. The character value was *&1*.

Severity: 8

Problem Determination: An attempt was made to decode a string. This attempt failed because the string contained one or more invalid characters. Strings to be decoded must contain only the following characters: '0' through '9', 'a' through 'f', or 'A' through 'F'. The transformation did not complete successfully.

User Response: Correct the errant string and rerun the transformation.

UT0036 An attempt to select a row from the table definition DB2 table (EDIPSTD) failed. The SQL code was *&1* and the code list (table name) was *&2*.

Severity: 8

Problem Determination: Within DB2 table EDIPSTD there are sets of translation tables and their entries. Likewise, within DB2 table EDIPSTV there are sets of code lists (validation tables) and their entries. Each translation table and code list (validation table) has an entry in the table definition DB2 table EDIPSTD. Before a table entry can be retrieved for translation or validation, its table definition is retrieved from EDIPSTD. This retrieval attempt failed. If the SQL code was 100, the table definition was not found. It is assumed that if a table cannot be found, its entries cannot be found, and a not-found condition is returned to the translation or validation request. If the SQL code was something other than 100, this denotes a severe error and the transformation as a whole did not complete successfully.

User Response: Look up the SQL code in the DB2 Messages and Codes manual and take appropriate action. If the SQL code was 100 (row not found), take steps to either add the table to or remove the reference to it in the transformation map.

UT0037 A table definition has been retrieved from DB2 table EDIPSTD, but its type was not valid for the function being executed. The table name was *&1* and the function expected the type to be *&2*.

Severity: 4

Problem Determination: A table definition was found, but its type was not valid for the function being executed. Translation functions use type 'T' tables and validation functions use type 'V' tables. A not-found condition was returned to the translation or validation request.

User Response: Correct the transformation map such

that all translation functions use type 'T' tables and validation functions use type 'V' tables.

UT0038 **Accessing the code list (validation table) EDIPSTV for purposes of validating whether or not a table entry exists failed. The SQL code was &1, the code list (table name) was &2, and the lookup entry value was &3.**

Severity: 8

Problem Determination: Accessing the code list (validation table) EDIPSTV for purposes of validating whether or not a table entry exists failed. This error occurred on an EXEC SQL SELECT COUNT(*) statement. The transformation did not complete successfully.

User Response: Look up the SQL code in the DB2 Messages and Codes manual and take appropriate action. If you are unable to resolve this problem, consult your DBA and/or support center.

UT0039 **An invalid direction was specified on a translation table request. The default SOURCE was used. The table name was &1, the lookup entry value was &2, and the direction specified was &3.**

Severity: 4

Problem Determination: An invalid direction was specified on a translation table request. The default SOURCE was used. Valid directions are SOURCE, S, TARGET, and T.

User Response: Adjust the transformation map to use a valid direction. If the intended direction was TARGET, erroneous results were output, and the map must be corrected and the transformation rerun. If the intended direction was SOURCE, the transformation may be successful, but to prevent further logging of this message, the map should be corrected.

UT0040 **Accessing translation table EDIPSTT via EXEC SQL &1 failed. The SQL code was &2, the table name was &3, the lookup entry value was ppp...p, and the direction was qq...q.**

Severity: 8

Problem Determination: Accessing translation table EDIPSTT for purposes of translating one value to another failed. The transformation did not complete successfully.

User Response: Look up the SQL code in the DB2 Messages and Codes manual and take appropriate action. If you are unable to resolve this problem, consult your DBA and/or support center.

UT0041 **Translation table lookup entry &1 not found in &2. The default value returned was &3.**

Severity: 4

Problem Determination: A specified entry value was sought in a specified translation table, and the value was not found. This may be because the table itself was not found, or because the entry was not found. This message was logged because it was requested in the map's translation function. The default value shown was returned.

User Response: Evaluate the acceptance of the not-found condition. If appropriate, add an entry for the value into the table. If transformation did not proceed as desired after the not-found condition, make adjustments to the map. Otherwise, this message is informational.

UT0042 **Code List (Validation table) lookup entry &1 not found in &2.**

Severity: 4

Problem Determination: A specified entry value was sought in a specified code list (validation table), and the value was not found. This may be because the table itself was not found, or because the entry was not found. This message was logged because it was requested in the map's validation function.

User Response: Evaluate the acceptance of the not-found condition. If appropriate, add an entry for the value into the code list (table). If transformation did not proceed as desired after the not-found condition, make adjustments to the map. Otherwise, this message is informational.

UT0043 **An error was encountered attempting to convert a date/time. The date conversion return code was &1, the input data was &2, the input mask was &3, and the output mask was ppp...p.**

Severity: 8

Problem Determination: The date conversion routine encountered an error attempting to convert a date/time. The date conversion return codes have the following meanings: 1 = INVALID_JULIEN, 2 = JULIEN_NO_YEAR, 3 = JULIEN_NOT_KNOWN, 4 = INVALID_MONTH, 5 = INVALID_DAY, 6 = INVALID_HOUR, 7 = INVALID_MINUTE, 8 = INVALID_SECOND, 9 = INVALID_QUARTER, 10 = INVALID_SEMESTER, 11 = INVALID_WEEK, 12 = INVALID_DAYOFWEEK, 13 = INVALID_ZONE, 14 = INVALID_MONTH_TABLE. The transformation did not complete successfully.

User Response: Correct the errant data and/or map, and rerun the transformation.

UT Messages

UT0046 **The transformation node (DTC) attempted to decode an initial value string for global variable xxx...x, but the string length was not valid. The number of characters in a string to be decoded must be an even number.**

Severity: 8

Problem Determination: An attempt was made to decode a string. This attempt failed because the string contained an odd number of characters. The number of characters in a string to be decoded must be an even number. The transformation did not complete successfully.

User Response: Correct the errant initial value string for the global variable shown and rerun the transformation.

UT0047 **The transformation node (DTC) was attempting to decode the initial value for global variable xxx...x, and a character was encountered within the initial value string that could not be decoded.**

Severity: 8

Problem Determination: An attempt was made to decode a string. This attempt failed because the string contained one or more invalid characters. Strings to be decoded must contain only the following characters: '0' through '9', 'a' through 'f', or 'A' through 'F'. The transformation did not complete successfully.

User Response: Correct the errant initial value string for the global variable shown and rerun the transformation.

UT0048 **The document syntax in the control string document descriptor was unknown. Valid syntaxes are adf, edi, and xml.**

Severity: 8

Problem Determination: The document syntax in the control string document descriptor was unknown. The transformation did not complete successfully.

User Response: Recompile the map's control string and retry the transformation. If the problem recurs, specify TRACELEVEL(T2) on the Utility PERFORM command and rerun the transformation. Provide your support center the print file and trace listing from the errant run, an export file containing the map and all its associated objects, and the input data file.

UT0049 **The element value type in a control string element descriptor was invalid. Valid value types are boolean, integer, real, character, and bytearray.**

Severity: 8

Problem Determination: The element value type in a control string element descriptor was invalid. The transformation did not complete successfully.

User Response: Recompile the map's control string and retry the transformation. If the problem recurs, specify TRACELEVEL(T2) on the Utility PERFORM command and rerun the transformation. Provide your support center the print file and trace listing from the errant run, an export file containing the map and all its associated objects, and the input data file.

UT0050 **An attempt to load data into an AMM message buffer failed. The AMM AppendToBuffer return code was xxx...x.**

Severity: 8

Problem Determination: An attempt was made to load data into an AMM message buffer. This attempt failed with the AMM AppendToBuffer return code shown. If this error occurred preparing for a MapCall transformation, an explicit cniDeleteMessage() on the MapCall source message did not take place. The transformation did not complete successfully.

User Response: Look up the AMM AppendToBuffer return code. If possible, take corrective action. Otherwise, consult your support center.

UT0051 **There was an attempt to execute a MapCall instruction on a simple element, and this function is not supported in MQSI mode.**

Severity: 8

Problem Determination: There was an attempt to execute a MapCall instruction on a simple element, and this function is not supported in MQSI mode. The transformation did not complete successfully.

User Response: Rework the transformation map such that there are no MapCalls on simple elements. Consult your support center for assistance.

UT0052 **The transformation function executed required that there be one and only one target document, and a value other than one was encountered in the control string.**

Severity: 8

Problem Determination: The transformation function executed required that there be one and only one target document, and a value other than one was encountered

in the control string. The transformation did not complete successfully.

User Response: Recompile the map's control string and retry the transformation. If the problem recurs, specify TRACELEVEL(T2) on the Utility PERFORM command and rerun the transformation. Provide your support center the print file and trace listing from the errant run, an export file containing the map and all its associated objects, and the input data file.

UT0053 **The version of control string, *xxx...x*, was not compatible with the version of the transformation module. Recompile the map with a newer version of Client and rerun the transformation.**

Severity: 8

Problem Determination: Before control string processing begins a version check occurs between the control string and the transformation module. The version of the control string was found to not be compatible with the transformation module. The transformation did not complete successfully.

User Response: Recompile the map with a newer version of Client and rerun the transformation.

UT0054 **A validation map control string was being executed by the Data Transformation Component (DTC), and the DTC had not previously been properly initialized.**

Severity: 8

Problem Determination: The Validation Component invokes the Data Transformation Component (DTC) with a validation map in order to gather information for the functional acknowledgment. Prior to actually calling the DTC to execute the validation map, the Validation Component initializes the DTC by calling ediInitDTC. This error occurred because ediInitDTC was not successfully executed prior to execution of the validation map.

User Response: Executing a validation map should only be done internally within during functional acknowledgment processing. A user should not explicitly attempt to execute a validation map control string. Contact your support center for more assistance.

UT0055 **An attempt to select a row from the user exit profile DB2 table (EDIPSAD) failed. The SQL code was *xxx...x* and the user exit profile name was *yyy...y*.**

Severity: 8

Problem Determination: An error occurred attempting to retrieve a user exit profile. The SQL code and the name of the profile are displayed in the logged

message. The transformation did not complete successfully.

User Response: Look up the SQL code in the DB2 Messages and Codes manual and take appropriate action. If the SQL code was 100 (row not found), take steps to either add the profile to or remove the reference to it in the transformation map. Make sure that the profile's exit type is any-to-any (and not send/receive).

UT0056 **An attempt to load a DLL failed. The DLL name was *xxx...x*, the error code was *yyy...y*, and the error text was: *zzz...z*.**

Severity: 8

Problem Determination: An attempt was made to load a DLL. This attempt failed with the dllload (and CICS), LoadLibrary (Windows), or dlopen (UNIX[®]) return code shown. The transformation did not complete successfully.

User Response: Take appropriate action based on the error code and error text. If necessary, consult your support center.

UT0057 **An attempt to determine a DLL function entry point failed. The DLL name was *xxx...x*, the function name was *yyy...y*, the error code was *zzz...z*, and the error text was: *ppp...p*.**

Severity: 8

Problem Determination: An attempt was made to determine a DLL function entry point. This attempt failed with the dllqueryfn (and CICS), GetProcAddress (Windows), or dlsym (UNIX) return code shown. The transformation did not complete successfully.

User Response: Take appropriate action based on the error code and error text. If necessary, consult your support center.

UT0058 **A user exit returned a non-zero return code. The DLL name was *xxx...x*, the function name was *yyy...y*, and the return code was *zzz...z*.**

Severity: 8

Problem Determination: A call was made to a user exit. The user exit returned a non-zero return code. The transformation did not complete successfully.

User Response: Examine the user exit and determine the reason for the non-zero return code. A successful execution of a user exit function should return a zero return code. After the problem has been resolved rerun the transformation.

UT Messages

UT0059 **The Validation Component invoked the Data Transformation Component (DTC) with a map that was not a validation map. The map name was xxx...x and the map type was yyy...y.**

Severity: 8

Problem Determination: The Validation Component invoked the Data Transformation Component (DTC) with a map that was not a validation map. The validation did not complete successfully.

User Response: Ensure that the map specified for validation is a validation map. If necessary, consult your support center for more information.

UT0060 **A MapCall command was encountered that specified a target element, but the target element was not a simple (value) element. Re-examine the MapCall command and make sure the target element is a simple element. The map name was xxx...x.**

Severity: 8

Problem Determination: The transformation node (DTC) was unable to process a control string instruction. The transformation did not complete successfully.

User Response: Make sure the MapCall command specifies a target element whose type of value is byte array. Recompile the map's control string and rerun the transformation. If necessary, contact your support center for further assistance.

UT0061 **A MapCall command was encountered that specified a target element, but the target element value type was not byte array. Re-examine the MapCall command and make sure the target element value type is byte array.. The map name was xxx...x.**

Severity: 8

Problem Determination: The transformation node (DTC) was unable to process a control string instruction. The transformation did not complete successfully.

User Response: Make sure the MapCall command specifies a target element whose type of value is byte array. Recompile the map's control string and rerun the transformation. If necessary, contact your WebSphere Data Interchange support center for further assistance.

UT0062 **An attempt to serialize a message failed. The AMM cniWriteBuffer return code was xxx...x and the message object address was yyy...y.**

Severity: 8

Problem Determination: An attempt was made to serialize a message. This attempt failed with the AMM cniWriteBuffer return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniWriteBuffer return code. If possible, take corrective action. Otherwise, consult your support center.

UT0063 **An attempt to get a buffer address failed. The AMM cniBufferPointer return code was xxx...x and the message object address was yyy...y.**

Severity: 8

Problem Determination: An attempt was made to get a buffer address. This attempt failed with the AMM cniBufferPointer return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniBufferPointer return code. If possible, take corrective action. Otherwise, consult your support center.

UT0064 **An attempt to get a buffer size failed. The AMM cniBufferSize return code was xxx...x and the message object address was yyy...y.**

Severity: 8

Problem Determination: An attempt was made to get a buffer size. This attempt failed with the AMM cniBufferSize return code shown. The transformation did not complete successfully.

User Response: Look up the AMM cniBufferSize return code. If possible, take corrective action. Otherwise, consult your support center.

VA Messages

VA0001 **Error &1 occurred in the CICS virtual array auxiliary storage service.**

Severity: 8

Problem Determination: An error occurred in the CICS virtual array auxiliary storage service (EDIZVAX). When the amount of envelope and application data together exceeds 28 megabytes, Pageable Translation will begin paging the excess to auxiliary storage. An error occurred while doing this.

User Response: If the error is an 800, a GETMAIN error occurred. If the error is an 801, a function error occurred. If the error is an 806, an error occurred attempting to generate a unique TS queue name. If any of the aforementioned errors occurred, contact the support center. If the error is an 805, the limit of 32 thousand records was reached. The auxiliary storage limit is 32,768 28,632-byte records (or 938,213,376 total bytes). Pageable Translation is not able to handle more data than this. All other errors are CICS EIBRESP codes returned from READQ TS or WRITEQ TS commands. Lookup EIBRESP in the CICS Application Programming Reference for further help.

VN Messages

VN1001 **Invalid function code.**

Severity: 8

Problem Determination: Function code requested is not supported.

User Response: Update program to specify one of the supported function codes for the network.

VN1002 **Trading Partner ID not found in CMICB.**

Severity: 8

Problem Determination: An operation has been requested that requires a trading partner but one has not been provided.

User Response: Update the program making the request to provide the trading partner nickname in the communications interface control block.

VN1003 **Profile &1 was not found.**

Severity: 8

Problem Determination: A call was made to profile services to retrieve a profile member and profile services returned indicating that the profile definition did not exist. The application is given a return code of 8, extended return code of 1003, indicating a profile definition does not exist.

User Response: This error indicates that a dataset has probably been destroyed. Profile definitions are shipped with the system and should always be present. Contact the support center if you are not able to determine why the definition cannot be retrieved. If a dataset has been corrupted there may be a message in the JOB LOG indicating some type of error occurred reading the PROFDEF dataset.

VN1004 **Member &1 was not found in &2 profile.**

Severity: 8

Problem Determination: A call was made to profile services to retrieve a profile member and profile services returned indicating that the profile member did not exist. The application is given a return code of 8, extended return code of 1004, indicating a profile member does not exist.

User Response: Update the program (or input to the program) making the request so that a profile member that is defined is specified or use Profile Maintenance to add the required member to the specified profile.

VN1005 **Error found in Profile Services with profile &1 and key &2 used.**

Severity: 12

Problem Determination: An unexpected return code was returned by the profile service when a request was made to read a profile member. The symptom string contains the return code from the profile service as well and the profile name and profile member being accessed. The application is given a return code of 12, extended return code of 1005 when this occurs.

User Response: Follow the instructions under the appropriate return code from profile services.

VN1006 **A request to allocate memory failed.**

Severity: 12

Problem Determination: An error was returned from Service Director Environmental Services on a request to get storage. The application is given a return code of 12, extended return code of 1006 when this error occurs.

User Response: Try to increase the amount of virtual storage to remove the problem.

VN1007 **Unable to open file, FILENAME = &1.**

Severity: 8

Problem Determination: VANI was not able to open the indicated file. The application is given a return code of 8, extended return code of 1007 when this error occurs.

User Response: Make sure the file exists and has the proper permissions and check your terminal or system console for any messages issued by the operating system for this file.

VN1008 **Unable to write file, FILENAME = &1.**

Severity: 12

Problem Determination: VANI was not able to write to the indicated file. The application is given a return code of 12, extended return code of 1008 when this error occurs.

User Response: Check your terminal or system console for any for any messages issued by the operating system for this file. These messages should indicate the type of error that occurred.

VN1009 **Unable to close file, FILENAME = &1.**

Severity: 12

Problem Determination: VANI was not able to CLOSE the indicated file. The application is given a

return code of 12, extended return code of 1009 when this error occurs.

User Response: Check your terminal or system console for any messages issued by the operating system for this file. These messages should indicate the type of error that occurred.

VN1010 A request to free main storage failed.

Severity: 12

Problem Determination: An error was returned from Service Director Environmental Services on a request to free storage. The application is given a return code of 12, extended return code of 1010 when this error occurs.

User Response: Contact the support center.

VN1011 Network program name &1 not found.

Severity: 8

Problem Determination: The specified Network program could not be found. The application is given a return code of 8, extended return code 1011 when this error occurs.

User Response: Make sure the directory or MVS dataset containing your network program (IEBASE) is specified in your PATH statement or MVS JCL STEPLIB/JOBLIB.

VN1012 Mismatch of network operation &1 and network ID &2.

Severity: 8

Problem Determination: The application make a communications request has specified a network operation and network ID combination that has not been defined in the NETOP profile. The application is given a return code of 8, extended return code 1012 when this error occurs.

User Response: Update the program making the request (or the input to the program) so that a valid network operation, network ID combination is provided or use Profile Maintenance to define the specified network operation for the network.

VN1013 Invalid account type in communication interface control block.

Severity: 8

Problem Determination: The 'acctyp' field of the communication interface control block must not contain an 'L' when using the VANINFC communication routine. The value of 'L' indicates a distribution list which is not supported by . The application is given a return code of 8, extended return code 1013 when this error occurs.

User Response: Update the program making the request so that 'acctyp' does not have a value of 'L'.

VN1014 Invalid file type in communication interface control block.

Severity: 8

Problem Determination: A request to 'queue' a request to send a file has been issued and the 'datatyp' field in the communications interface control block has a value of 'D' indicating a DDNAME is being provided in the 'filename' field. A DDNAME is not allowed for a queuing operation. The application is given a return code of 8, extended return code 1014 when this error occurs.

User Response: Update the program making the request so that the value of 'datatyp' is 'A' indicating a dataset name is being provided in the 'filename' field.

VN1015 An error occurred in network program &1. For Expedite Base/MVS see the OUTMSG file. For Expedite/CICS see the EXPL log file (EXPLOG1). For Expedite/MVS see the OUTFILE file. For Expedite/AIX and Expedite/NT see the baseout.msg file. If you are using Expedite Base/MVS with Comm-Press, make sure the following datasets are allocated: COMPPDS, COMPWRK, INMSGC, INMSGR, OUTMSGC, OUTMSGR, SYSUT1, CPLOOKUP (required when using COMPRESS(T)), and COMPTRC (required when using BASE(Y) on the TRACE command). See the Expedite Base/MVS Programming Guide for more information about these Comm-Press datasets.

Severity: 8

Problem Determination: An error occurred in the specified network program.

User Response: Review the appropriate network message file and follow instructions provided by that network to resolve the error.

VN1016 Network program &1 execution failed.

Severity: 12

Problem Determination: The specified network program has terminated abnormally (returned with a non-zero return code less than 0 or greater than 16). This fact is being communicated back to the application with a return code of 12, extended return code of 1016.

User Response: Look at the network output message file for exact information (for Expedite Base/MVS see the OUTMSG file, for Expedite/CICS see the EXPL log file (EXPLOG1), and for Expedite/MVS see the OUTFILE file, and for Expedite/AIX and Expedite/NT

VN Messages

see the baseout.msg file). Follow the instructions provided by the network to resolve the problem. Your terminal or system console may also contain information about the type of termination.

VN1017 Error occurred while executing the EXPOICMD program of Expedite/CICS. Error message number returned from EXPOICMD = &1, severity = &2, account = &3, and userid = pppppppp.

Severity: 8

Problem Determination: An error occurred when gave control to the EXPOICMD program of Expedite/CICS.

User Response: Examine the message number and severity against the "Customizing and Developing Applications with Expedite/CICS" manual.

VN1018 Error occurred while attempting to restart network processing.

Severity: 12

Problem Determination: Your network program stopped running without completing the requested function and could not be successfully restarted from the position of the original failure.

User Response: Review the restart procedures described in your network manual and if you cannot resolve this problem, call your support center.

VN1019 A Timeout error occurred while was waiting for Expedite/CICS to complete a continuous receive termination request. Mailbox (Requestor Profile) ID = &1, Network Account = &2, Network Userid = &3.

Severity: 8

Problem Determination: A Timeout error occurred while was waiting for Expedite/CICS to complete a continuous receive termination request.

User Response: If you cannot resolve this problem, call your support center.

VN1020 A Timeout error occurred while was waiting for Expedite/CICS to complete a request for network acknowledgments. Mailbox (Requestor Profile) ID = &1, Network Account = &2, Network Userid = &3.

Severity: 8

Problem Determination: A Timeout error occurred while was waiting for Expedite/CICS to complete a request for network acknowledgments.

User Response: If you cannot resolve this problem, call your support center.

VN1021 A Timeout error occurred while was waiting for Expedite/CICS to complete a single receive request. Mailbox (Requestor Profile) ID = &1, Network Account = &2, Network Userid = &3.

Severity: 8

Problem Determination: A Timeout error occurred while was waiting for Expedite/CICS to complete a single receive request.

User Response: If you cannot resolve this problem, call your support center.

VN1022 Error occurred while executing customer supplied network program or message handler. Error message number returned from program = &1, severity = &2.

Severity: 8

Problem Determination: An error occurred when gave control to a customer supplied network program or message handler. has logged the message number, severity and any text the customer program wishes to supply.

User Response: Examine the message number, severity and follow on text against documentation dealing with the customer supplied program.

VN1023 Unable to access file, FILENAME = &1.

Severity: 12

Problem Determination: VANI was not able to access the indicated file. The application is given a return code of 8, extended return code of 1023 when this error occurs.

User Response: Check your terminal or system console for any messages issued by the operating system for this file. These messages should indicate the type of error that occurred.

VN1024 Network &1 processing is not in restart--request terminated.

Severity: 8

Problem Determination: You have requested to perform either a RESTART SEND or a RESTART RECEIVE but the network processing is not in a restart situation.

User Response: Review the restart procedures described in your network manual and if you cannot resolve this problem, call your support center.

VN1025 **A restart of send/receive processing is required for network &1.**

Severity: 8

Problem Determination: Your network program stopped running without completing the requested function. Submit a batch job to PERFORM RESTART SEND to complete a send operation, or to PERFORM RESTART RECEIVE to complete a receive operation.

User Response: Review the restart procedures described in your network manual and if you cannot resolve this problem, call your support center.

VN1026 **Restart is not supported in the NETOP FSUPPORT member for network &1.**

Severity: 8

Problem Determination: You have requested to perform either a RESTART SEND or a RESTART RECEIVE but the FSUPPORT member in the NETOP profile indicates that restart is not supported for the referenced network.

User Response: Review the restart procedures described in your network manual and if you cannot resolve this problem, call your support center.

VN1027 **Unable to read from file &1.**

Severity: 8

Problem Determination: EDIMQSR was not able to read from the indicated file. The application is given a return code of 8, extended return code of 1027 when this error occurs.

User Response: Check your terminal or system console for any messages issued by the operating system for this file. These messages should indicate the type of error that occurred.

VN1028 **Mandatory MQSeries Queue profile member name missing from the Network program parameters field in network profile member &1. Send or receive terminated.**

Severity: 8

Problem Determination: In order to send or receive data using an MQSeries network profile member, the Network program parameters must contain at least the name of one MQSeries Queue profile member.

User Response: If this network profile is used to both send and receive data, first specify the MQSeries Queue profile member associated with send processing. If data is to be received in a separate MQSeries Queue specify it following the send queue profile name with a blank separating the two names. If you can not resolve this problem, call your support center.

VN1040 **No data was returned on a receive request.**

Severity: 4

Problem Determination: Indicates that the network program did not return any data on a receive request. The application is given a return code of 4 and an extended return code of 1040 when this occurs. The network output message file (in MVS, OUTMSG) is scanned for receive response records to determine if data has been received.

User Response: No response required.

VN1041 **OUTMSG is assigned to the SYSOUT device. This is not allowed.**

Severity: 4

Problem Determination: VANI attempts to read the network output message file (OUTMSG) to pick up error codes and to determine if data was received during receive requests. The application is given a return code of 4, extended return code of 41, if OUTMSG could not be opened.

User Response: Don't assign OUTMSG to SYSOUT. This error should not occur in a non-MVS environment. If it does, contact your support center.

VN1043 **Failure to update status for an envelope being sent. The trading partner could not be determined given a RECEIVER ID value of &1. The interchange control number for the envelope is &2.**

Severity: 4

Problem Determination: After a file has been sent, reads the file to locate all the envelopes in the file and update the status of each envelope based on the results of the send operation. This error is logged when the trading partner being sent the envelope can not be determined. The RECEIVER-ID value from the envelope is used to locate a trading partner within the TPPROF profile database.

User Response: Please refer to message TR0201 for a more detailed problem determination and possible responses.

VN Messages

VN1044 **Failure to update status for an envelope being sent. The attempt to update status resulted in a database error. Trading Partner Nickname = &1. RECEIVER ID value from the envelope = &2. Interchange Control Number from the envelope is &3. Transaction store return code = ppppppp. Transaction store extended return code = qqqqqq.**

Severity: 4

Problem Determination: After a file has been sent, reads the file to locate all the envelopes in the file and update the status of each envelope based on the results of the send operation. This error is logged when the attempt to update the status results in a database error.

User Response: Please refer to Transaction Store return codes for possible actions.

VN1045 **An error occurred in the message processing program &1 for network ID &2. The return code is &3 and the extended return code is ppppppp.**

Severity: 4

Problem Determination: An error occurred in the message handler.

User Response: If the message handler is used, check logged messages around the VN1045. If a non- message handler is used, reference the return codes for that particular module. The term 'message processing program' is synonymous with 'message handler.'

VN1050 **The function requested is not supported by the network.**

Severity: 8

Problem Determination: You requested a network function that is not supported by the network for which you requested it. The function may be supported by other networks.

User Response: Remove the request for a non-supported function and re-submit your request.

VN1051 **VN1051 &1 &2 EDIVNUS RC= &3 ERC= ppppppp. See DI Messages And Codes Manual. Expedite/CICS Commarea= qqqq...q.**

Severity: 8

Problem Determination: An error occurred in the update status program. This program is supposed to update transaction store statuses from 'Send requested' (48) to either 'Sent to network' (49) or 'Not sent network error' (43). However, an error in the update status program has occurred. There are three possible causes for this error. First, when the Service Director

fails to initialize. Second, when the Repository Service detects an error locking LT. And third, when the Transaction Store Service detects an error updating status. Included in this message is the commarea that was passed by Expedite/CICS to the update status program. The full length of the message is 615 characters. However, if the log to which this message was written has a record length less than 615 characters, the message was truncated. The commarea used is the Expedite/CICS User Exit And Notification commarea.

User Response: First check the Programmer's Reference for the Environmental Service Initialization return codes. If not found, check the Messages And Codes Manual for the Transaction Store Services Update Status Service return codes or the Repository Services return codes.

VN1052 **Network commands were truncated.**

Severity: 8

Problem Determination: While was building the file of network commands to be passed to the network one or more tags were expanded which caused the last record written to be truncated.

User Response: Either increase the record length of the network input file or reduce the number of network commands on a single line.

VN1053 **Network commands could not be built from input from a member of the PDS that should be allocated to DDname EDINTCMD.**

Severity: 8

Problem Determination: could not build the file of network commands to be passed to the network because there was no PDS member containing input for the network.

User Response: There are several things to check if you encounter this error.

- Check to make sure that you actually have a PDS allocated to the DDname EDINTCMD.
- Check to make sure that the PDS that you have allocated to the DDName EDINTCMD actually has some members defined.
- Check to make sure that the PDS that you have allocated to the DDName EDINTCMD actually has the members defined that you are expecting to use with your network commands.
- Check the trading partner profile member (if any) and mailbox (requestor) profile member used with the network command to ensure that a value is specified in the *Network cmds file* field of at least one of the profiles.
- Check the trading partner profile member (if any) and mailbox (requestor) profile member used with the network command to ensure that the value

specified in the *Network cmds file* field corresponds to a member of the PDS allocated to the DDname EDINTCMD.

VN1054 Network program &1 execution failed.

Severity: 12

Problem Determination: The specified network program has failed (returned control to DI with a non-zero return code). This fact is being communicated back to the application with a return code of 12, extended return code of 1054.

The message handler program may provide additional details in the symptom string as the NETPGM_RC and NETPGM_ERC fields.

User Response: Look at the output file or output log created by the network program to see what errors have been reported. Follow the instructions provided by the network to resolve its errors.

In the case of a program ABEND the JOB LOG will also probably contain some information about the type of ABEND.

This error should not occur in a non-MVS environment. If it does, contact your support center.

VN1055 A TSLT lock attempt failed in EDIVN during status update.

Severity: 4

Problem Determination: Before the TSEV table is updated for status update in EDIVN, a TSLT lock is obtained. The lock attempt failed. Transaction statuses were not updated at the point of the failure.

User Response: Subsequent status updates may have rendered the current status accurate. Otherwise, the affected transactions will have an incorrect status. This error can occur when transactions statuses are updated from ENVELOPED to SEND STARTED and SEND STARTED to SEND REQUESTED.

VS Messages

VS0001 VSAM detected multiple ENQ/DEQ requests for the same resource. Request type is &1, Return code is &2, DDNAME is &3.

Explanation: The VSAM KSDS handler detected a failed request for an ENQ or DEQ of a named resource. The message indicates the VSAM ENQ/DEQ request type, return code from the ENQ/DEQ request, and the DDNAME being used in the request. Processing continues.

Severity: 4

Problem Determination: The VSAM KSDS handler detected a failed request for an ENQ or DEQ of a named resource. The message indicates the VSAM ENQ/DEQ request type, return code from the ENQ/DEQ request, and the DDNAME being used in the request. Processing continues.

User Response: Return codes for ENQ and DEQ can be found in the OS/390 V2R6.0 MVS Assembler Services Reference manual or similar. Report the failing type, name and return code to your Support Center. Save the JCL and job log used in running the job and make the information available for problem determination.

Chapter 3. Return codes and extended return codes

This chapter provides information on return codes and extended return codes generated by . This chapter describes:

- Return codes
- Extended return codes
- Common Error Services
- Communication Services
- Edit Services
- Event Logging Sservices
- Message Sservices
- Management Reporting Services
- Migrating Mapping Service
- Profile services
- QSAM Handler
- Repository Services
- Screen Interface Services
- Service Director
- Service Director Environmental Services
- Transaction Store services
- Translation Services

Return codes

Return codes and extended return codes are passed back to the caller from a service. The values indicate the severity and reason for the success or failure of the call. Return codes show severity and can have only the following values:

Return Code

Meaning

- | | |
|----|---|
| 0 | No errors were detected. |
| 4 | A low-severity warning error was detected. Processing of the request is not impaired. This type of error might not be detected by a user. However, some type of failure did occur. The error has been logged. See the error log for more information. |
| 8 | An error was detected that prevented the request from completing successfully. For example, a Graphical Data Display Manager (GDDM) error might have prevented a panel from being displayed. The screen interface did not attempt further processing. The panel is returned as soon as cleanup was performed. The error is normally logged. It might be possible for the panel to be displayed on a subsequent request. |
| 12 | A severe error was detected that prevented the request from completing successfully. For example, if a module required for processing could not be loaded by the Service Director, further processing does not occur. The screen interface suspends the request as soon as possible. The error is logged, if possible. The calling module should terminate because subsequent DISPLAY requests probably will fail. |

Extended return codes

Extended return codes provide a reason for the failure indicated in the return code. Further information for problem resolution is provided. In many cases, messages are associated with one or more combinations of return codes and extended return codes. For such situations, refer to the message numbers that appear in the return code tables in this chapter.

Common Error Services

Common Error Services are used by other components to handle errors. When an error is detected, Common Error Services is called to format and log the error data. The return codes in Table 4 result from errors that are detected during attempts to process and log these errors.

Table 3. Common Error Services

Comp. ID	Component logical name	Component physical name	Component common name
CE	ERRORS	EDICEML	Common Error Services

Table 4. Common Error Services Return Codes

Return code	Ext code	Msg ID	Description
4	0	CE0010	Error returned from event logging while attempting to log an error.
4	42	CE0042	Error returned from Message Services while attempting to retrieve a message.
8	20	CE0020	Recursion error detected by Common Error Services.
12	22	CE0022	An error was returned from the Service Director Environmental Services request to obtain storage.

Communication Services

The following code may be returned by communications or the network interface program. Your application should inspect the return code after each call and take the appropriate action.

Table 5. Communication Services

Comp. ID	Component logical name	Component physical name	Component common name
CM	COMM	EDICM	Communication Services

Edit Services

Edit Services are used by other components to provide common routines for data manipulation and data conversion.

Table 6. Edit Services

Comp. ID	Component logical name	Component physical name	Component common name
TV	EDITS	EDITV00	Edit Services

Table 7. Edit Services Return Codes

Return code	Ext code	Description
8	1	An invalid function request was received. This indicates an internal programming error occurred.
8	2	An invalid specific edit request was received. This indicates an internal programming error occurred.
8	3	Table edit requested and the table does not exist in TABLDEF. The program encounters this error and creates a specific log entry or message. This indicates the exact error that occurred.
8	4	Data was not passed during an edit request. This indicates an internal programming error occurred.
8	6	Error was returned by Profile Services. An entry in the log indicates a Profile Services error occurred.
8	9	Invalid input data. The data passed to Edit Services failed to pass an edit. The program encountering this error creates a specific log entry or message. This indicates the exact error that occurred.
8	10	Too many digits after the decimal point. The data passed to Edit Services failed to pass an edit. The program encountering this error creates a specific log entry or message. This indicates the exact error that occurred.

Edit Services Return Codes

Table 7. Edit Services Return Codes (continued)

Return code	Ext code	Description
8	11	Value out of range. The data passed to Edit Services failed to pass an edit. The program encountering this error creates a specific log entry or message. This indicates the exact error that occurred.
12	99	Error occurs while attempting to initialize Edit Services. The first call to Edit Services causes a series of frequently used tables to be preloaded into memory. If any errors occur while loading these tables, a return code of 12 with 99 is returned. Some of the possible causes are: <ul style="list-style-type: none">• Current user does not have access to the PROFDAT, PROFDEF, TABLDEF, or TABLDAT VSAM files, or these files could not be opened for some other reason. A message in the JOB LOG should indicate why the open for these data sets failed.• There is insufficient memory to load the required tables.• The code being executed and the VSAM files being accessed are incompatible.
12	100	Error occurs while attempting to obtain memory to save frequently used values within Edit Services.
12	101	Error occurs while attempting to obtain memory for the preloaded tables.

Event Logging Services

Event Logging Services are called by other services or facilities to record significant events or errors. After events are recorded in the event log file, you can browse and print this file using the Event Logging Facility. The Event Logging Facility also saves data to a sequential output file when it does not need to be maintained in the file.

The event logging return codes are presented in five groupings:

- Event Logging Facility (EDIELMM)
- Event Logging Archive Process (EDIELAR)
- Event Logging Print Process (EDIELPR)
- Event Logging Create Archive JCL (EDIELAC)
- Event Logging ADAM Processing (EDIELAD)

The tables that follow show the return codes and corresponding messages that can occur during event log processing.

Event Logging Facility

Table 9 shows codes returned from module EDIELMM, which controls the interactive viewing or processing of the event log. The extended return code indicates the specific nature of the condition. Associated message IDs appear where applicable.

Table 8. Event Logging Facility

Comp. ID	Component logical name	Component physical name	Component common name
EL	ELMENU	EDIELMM	Event Logging Facility

Table 9. Event Logging Facility Return Codes

Return code	Ext code	Msg ID	Description
4	110	EL0110	Module EDIELAD encountered an error while closing the event log file.
4	361	EL0361	An error is encountered while attempting to release acquired storage.
4	505	EL0505	The command/action/function key entered is invalid. This code and message should never be encountered, because the error is intercepted by the Screen Interface Service.
8	30	EL0030	An error was encountered while calling Profile Services.
8	60	None	An error was encountered while attempting to add the print service.
8	90	EL0510	An error was encountered while calling the Service Director.
8	130	None	An error was encountered while attempting to delete the print service.
8	360	EL0360	An error was encountered while attempting to acquire internal storage.

Event Logging Services Return Codes

Table 9. Event Logging Facility Return Codes (continued)

Return code	Ext code	Msg ID	Description
8	510	EL0510	An error was encountered while calling the Service Director.
8	515	EL0515	An error was encountered while calling Edit Services.
8	520	EL0520	An error was encountered while attempting to display panel EL02.
8	590	EL0590	An error was encountered while attempting to retrieve entries from the event log file.
12	60	EL0110	An error was encountered while attempting to add the ADAM service.
12	90	EL0999	An error was encountered while calling the Service Director.
12	100	EL0110	An error was encountered while calling the ADAM module (EDIELAD).
12	360	EL0360	An error was encountered while attempting to acquire internal storage.
12	520	EL0520	An error was encountered while attempting to display panel EL01.

Event Logging Archive Process

Table 11 shows codes returned from module EDIELAR, which controls the event logging archival process. The extended return code indicates the specific nature of the condition. Associated message IDs appear where applicable.

Table 10. Event Logging Archive Process

Comp. ID	Component logical name	Component physical name	Component common name
EL	None	EDIELAR	Event Logging Archive Services

Event Logging Services Return Codes

Table 11. Event Logging Archive Process Return Codes

Return code	Ext code	Msg ID	Description
4	202	EL0392	A repository read error against the transaction handle table was encountered while attempting to determine the archive eligibility of a log record.
4	203	EL0393	A repository read error against the transaction usage table was encountered while attempting to determine the archive eligibility of a log record.
4	204	EL0394	A repository read error against the group table was encountered while attempting to determine the archive eligibility of a log record.
4	205	EL0395	A repository read error against the envelope table was encountered while attempting to determine the archive eligibility of a log record.
4	361	EL0361	An error was encountered while attempting to release acquired storage.
4	370	EL0370	An error was encountered while attempting to release the exclusive lock on the log input file.
4	380	None	An error was encountered while attempting to terminate the Service Director.
8	30	EL0030	An error was encountered while calling Profile Services.
8	31	EL0301	Profile information for the requested application ID was not found in the activity log profile.

Event Logging Services Return Codes

Table 11. Event Logging Archive Process Return Codes (continued)

Return code	Ext code	Msg ID	Description
8	311	None	Expected program parameters were not passed. This error should never be encountered.
8	330	EL0330	An error was encountered while attempting to place an exclusive lock on the input log file.
8	345	EL0345	An error was encountered while attempting to open the archive parameter file.
8	360	None	An error was encountered while attempting to acquire internal storage.
8	515	EL0515	An error was encountered while calling Edit Services.
8	1024	SA0042	The user does not have the proper authority to perform event log archival.
12	100	EL0353	A VSAM read error was encountered while attempting to read the input log file.
12	340	None	An error was encountered while attempting to initialize the Service Director.
12	352	EL0352	An error was encountered while attempting to open the sequential output file.
12	354	EL0354	An error was encountered while attempting to write to the VSAM output file.
12	355	EL0355	An error was encountered while attempting to write to the sequential output file.

Event Logging Print Process

Table 13 shows codes returned from module EDIELPR, which controls the event logging print process. The extended return code indicates the specific nature of the

Event Logging Services Return Codes

condition. Associated message IDs appear where applicable.

Table 12. Event Logging Print Process

Comp. ID	Component logical name	Component physical name	Component common name
EL	ELPRINT	EDIELPR	Event Logging Print Services

Table 13. Event Logging Print Process Return Codes

Return code	Ext code	Msg ID	Description
4	361	EL0361	An error was encountered while attempting to release acquired storage.
8	31	EL0301	Profile information for the requested application ID was not found in the activity log profile.
8	70	EL0070	An error was encountered while attempting to acquire internal storage.
8	351	None	An error was encountered while attempting to open the VSAM output file.
8	354	None	An error was encountered while attempting to write to the VSAM output file.
8	515	EL0515	An error was encountered while calling Edit Services.
8	590	EL0590	An error was encountered while attempting to retrieve entries from the event log file.
12	30	EL0030	An error was encountered while calling Profile Services.
12	60	EL0110	An error was encountered while attempting to add the ADAM service.
12	100	EL0110	An error was encountered while calling the ADAM module (EDIELAD).
12	516	None	An error was encountered while calling Message Services.

Event Logging Generate Archive JCL

Table 15 shows codes returned from module EDIELAC, which generates JCL for the event logging archival process. The extended return code indicates the specific nature of the condition. Associated message IDs appear where applicable.

Table 14. Event Logging Generate Archive JCL

Comp. ID	Component logical name	Component physical name	Component common name
EL	ELMENU	EDIELMM	Event Logging Facility

Table 15. Event Logging Generate Archive JCL Return Codes

Return code	Ext code	Msg ID	Description
4	361	EL0361	An error was encountered while attempting to release acquired storage.
4	832	EL0832	An error was encountered while attempting to close one of the JCL files (JOB card or DD statement) inserted into the archive JCL.
4	867	EL0867	An error was encountered while attempting to close the archive JCL output file.
8	30	EL0030	An error was encountered while calling Profile Services.
8	31	EL0820	Profile information was not found for the activity log profile or log data profile. Both profiles are required for archive JCL generation.
8	815	EL0815	The definition statement in the log data profile for the specified log file is incorrect or incomplete.
8	820	EL0820	Profile information was not found for the activity log profile or log data profile. Both profiles are required for archive JCL generation.

Event Logging Services Return Codes

Table 15. Event Logging Generate Archive JCL Return Codes (continued)

Return code	Ext code	Msg ID	Description
8	830	EL0830	An error was encountered while attempting to open one of the JCL files (JOB card or DD statement) inserted into the archive JCL.
8	831	EL0831	An error was encountered while attempting to read one of the JCL files (JOB card or DD statement) inserted into the archive JCL.
8	835	EL0835	The archive file DD statement in the log data profile for the specified log file is incorrect or incomplete.
8	840	EL0840	The archive data set name in the log data profile for the specified log file is incorrect or incomplete.
8	845	EL0845	The log data set name in the log data profile for the specified log file is incorrect or incomplete.
8	865	EL0865	An error was encountered while attempting to open the archive JCL output file.
8	866	EL0866	An error was encountered while attempting to write to the archive JCL output file.
12	70	EL0070	An error was encountered while attempting to acquire internal storage.
12	90	EL0510	An error was encountered while calling the Service Director.
12	510	EL0510	An error was encountered while calling the Service Director.
12	515	EL0515	An error was encountered while calling Edit Services.

Event Logging ADAM processing

Table 16 shows codes returned from module EDIELAD, which serves as a central controller for event log file processing (opens, reads, writes, and closes). The extended return code indicates the specific nature of the condition. Associated message IDs do not apply.

Comp. ID	Component logical name	Component physical name	Component common name
EL	EVENTS	EDIEL	Event Logging Services

Table 16. Event Logging ADAM Processing Return Codes

Return code	Ext code	Msg ID	Description
8	12	None	The requested function is not supported. This error should never be encountered.
8	15	None	A data block length error was encountered.
8	16	None	The length of the data record to log is invalid. This error should never be encountered.
8	361	None	An error was encountered while attempting to release acquired internal storage.
8	710	None	A VSAM read error was encountered while attempting to read the input log file.
12	70	None	An error was encountered while attempting to acquire internal storage.
12	74	None	An error was encountered while attempting to acquire internal storage.
12	360	None	An error was encountered while attempting to acquire internal storage.
12	400	EL0000	An error was encountered while attempting to insert an event log entry in DB2.

Table 16. Event Logging ADAM Processing Return Codes (continued)

Return code	Ext code	Msg ID	Description
12	700	None	An error was encountered while attempting to extend the log output file.

Message Services

The Message Services retrieve messages from the VSAM message file. Message Services process the message retrieval as follows:

1. Receive a request from a service or facility to retrieve a message.
2. Open the VSAM message file.
3. Read the VSAM message file for the message text.
4. Format the message text and insert the required embedded characters.
5. Close the VSAM message file.
6. Return control to the calling service or facility.

Table 17. Message Services

Comp. ID	Component logical name	Component physical name	Component common name
MS	MESSAGES	EDIMSML	Message Services

Table 18. Message Services Return Codes

Return code	Ext code	Msg ID	Description
4	20	MS0020	Text was not found for this message.
4	51	MS0051	This message could not be formatted into the requested line length.
4	52	MS0052	This message is too long to format into 10 lines.
8	30	MS0030	The message file could not be closed.
12	10	MS0010	The message file could not be opened.
12	40	MS0040	A request to get main storage failed.
12	80	MS0080	Message Services initialization failed.

Management Reporting Services

The Management Reporting Services system tracks translation and communication events. These events are stored in the send transactions statistics table, communication statistics table, and communications statistics table. The translation events are associated with TPT usages. The communications events are associated

Management Reporting Services Return Codes

with requestor profiles. When the user requests a management report, the output data is taken from the statistics tables and their related tables.

The Management Reporting Services provide the services to allow manipulation of the management reporting data.

Table 19. Management Reporting Services

Comp. ID	Component logical name	Component physical name	Component common name
MR	MGMTREP	EDIMRS	Management Reporting Services

Trading Partner Information Report Service

The Trading Partner Information Report Service outputs the trading partner information report. The Trading Partner Information Report Service is called with a function code of 10.

Table 20. Trading Partner Information Report Service return codes

Return code	Ext code	Description
0	0	Report was successfully output.
8		Report service failed.
8	1000	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1001	A severe error terminated report processing. The output file contains records up to the point where the error was encountered. See the event log for further information.
8	1002	A severe error prevented the report from being output. The error was encountered before any data were written to the output file. The output file is empty. See the event log for further information.

Trading Partner Capability Report Service

The Trading Partner Capability Report Service outputs the trading partner capability report. The Trading Partner Capability Report Service is called with a function code of 11.

Table 21. Trading Partner Capability Report Service return codes

Return code	Ext code	Description
0	0	Report was successfully output.
8		Report service failed.
8	1100	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1101	A severe error terminated report processing. The output file contains records up to the point where the error was encountered. See the event log for further information.

Management Reporting Services Return Codes

Table 21. Trading Partner Capability Report Service return codes (continued)

Return code	Ext code	Description
8	1102	A severe error prevented the report from being output. The error was encountered before any data was written to the output file. The output file is empty. See the event log for further information.

Network Activity Report Service

The Network Activity Report Service outputs the network activity report. The Network Activity Report Service is called with a function code of 12.

Table 22. Network Activity Report Service return codes

Return code	Ext code	Description
0	0	Report was successfully output.
8		Report service failed.
8	1200	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1201	A severe error terminated report processing. The output file contains records up to the point where the error was encountered. See the event log for further information.
8	1202	A severe error prevented the report from being output. The error was encountered before any data was written to the output file. The output file is empty. See the event log for further information.

Trading Partner Activity Report Service

The Trading Partner Activity Report Service outputs the trading partner activity report. The Trading Partner Activity Report Service is called with a function code of 13.

Table 23. Trading Partner Activity Report Service return codes

Return code	Ext code	Description
0	0	Report was successfully output.
8		Report service failed.
8	1300	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1301	A severe error terminated report processing. The output file contains records up to the point where the error was encountered. See the event log for further information.
8	1302	A severe error prevented the report from being output. The error was encountered before any data was written to the output file. The output file is empty. See the event log for further information.

Log Sent Transactions Service

The Log Sent Transaction Service records the send transaction events. The Log Sent Transactions Service is called with a function code of 14.

Management Reporting Services Return Codes

Table 24. Log Sent Transactions Service return codes

Return code	Ext code	Description
0	0	Log Sent Transactions Service completed successfully.
8		Log Sent Transactions Service failed.
8	1400	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1401	An error occurred while processing the send transaction buffer. See the event log for further information.

Log Received Transactions Service

The Log Received Transactions Service records the receive transaction events. The Log Received Transactions Service is called with a function code of 15.

Table 25. Log Received Transactions Service return codes

Return code	Ext code	Description
0	0	Log Received Transactions Service completed successfully.
8		Log Received Transactions Service failed.
8	1500	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1501	An error occurred while processing the receive transaction buffer. See the event log for further information.

Log Communications Events Service

The Log Communications Events Service records the communication events. The Log Communications Events Service is called with a function code of 16.

Table 26. Log Communications Events Service return codes

Return code	Ext code	Description
0	0	Log Communications Events Service completed successfully.
8		Log Communications Events Service failed.
8	1600	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1601	An error occurred while processing the communications buffer. See the event log for further information.

Prepare for Syncpoint Service

The Prepare for Syncpoint Service writes out all the management reporting events that have been buffered into the pending tables. The Prepare for Syncpoint Service is called with a function code of 17.

Table 27. Prepare for Syncpoint Service return codes

Return code	Ext code	Description
0	0	Prepare for Syncpoint Service completed successfully.

Management Reporting Services Return Codes

Table 27. Prepare for Syncpoint Service return codes (continued)

Return code	Ext code	Description
8		Prepare for Syncpoint Service failed.
8	1700	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1701	A repository error occurred while locking the TSLT table. See the event log for further information.
8	1702	A repository error occurred while writing out the send transaction buffer. See the event log for further information.
8	1703	A repository error occurred while locking the pending statistics table. See the event log for further information.
8	1704	A repository error occurred while writing out the receive transaction buffer. See the event log for further information.
8	1705	A repository error occurred while writing out the communication event buffer. See the event log for further information.

Update Statistics Service

The Update Statistics Service moves all the management reporting events that have been written to the pending tables into the statistic tables. The Update Statistics Service is called with a function code of 18.

Table 28. Update Statistics Service return codes

Return code	Ext code	Description
0	0	Update Statistics Service completed successfully.
8		Update Statistics Service failed.
8	1800	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1801	A repository error terminated update statistics processing while updating the receive transaction statistics. See the event log for further information.
8	1802	A repository error terminated update statistics processing while updating the send transaction statistics. See the event log for further information.
8	1803	A repository error terminated update statistics processing while updating the communications transaction statistics. See the event log for further information.

Remove Statistics Service

The Remove Statistics Service removes management reporting events from each of the statistics tables. The Remove Statistics Service is called with a function code of 19.

Management Reporting Services Return Codes

Table 29. Remove Statistics Service return codes

Return code	Ext code	Description
0	0	Remove Statistics Service completed successfully.
8		Remove Statistics Service failed.
8	1900	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	1901	A repository error terminated remove statistics processing while deleting from the receive transaction statistics table. See the event log for further information.
8	1902	A repository error terminated remove statistics processing while deleting from the send transaction statistics table. See the event log for further information.
8	1903	A repository error terminated remove statistics processing while deleting from the communications transaction statistics table. See the event log for further information.

Remove Send Transaction Statistics Service

The Remove Send Transaction Statistics Service removes send transaction statistics. The Remove Send Transaction Statistics Service is called with a function code of 20.

Table 30. Remove Send Transaction Statistics Service return codes

Return code	Ext code	Description
0	0	Remove Send Transaction Statistics Service completed successfully.
8		Remove Send Transaction Statistics Service failed.
8	2000	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	2001	A repository error terminated remove statistics processing while deleting from the send transaction statistics table. See the event log for further information.

Remove Receive Transaction Statistics Service

The Remove Receive Transaction Statistics Service removes receive transaction statistics. The Remove Receive Transaction Statistics Service is called with a function code of 21.

Table 31. Remove Receive Transaction Statistics Service return codes

Return code	Ext code	Description
0	0	Remove Receive Transaction Statistics Service completed successfully.
8		Remove Receive Transaction Statistics Service failed.
8	2100	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	2101	A repository error terminated remove statistics processing while deleting from the receive transaction statistics table. See the event log for further information.

Remove Communication Statistics Service

The Remove Communication Statistics Service removes communication statistics. The Remove Communication Statistics Service is called with a function code of 22.

Table 32. Remove Communication Statistics Service return codes

Return code	Ext code	Description
0	0	Remove Communication Statistics Service completed successfully.
8		Remove Communication Statistics Service failed.
8	2200	An error occurred during initialization of Management Reporting Services. See the event log for further information.
8	2201	A repository error terminated remove statistics processing while deleting from the communication statistics table. See the event log for further information.

Migrating Mapping Service

The Migrating Mapping Service allows the user to migrate a trading partner transaction from one standard to another standard and from one transaction ID to another transaction ID.

Table 33. Migrating Mapping service

Comp. ID	Component logical name	Component physical name	Component common name
TP	MIGMAP	EDITPMM	Migrate Mapping Service

Table 34. Migrating Mapping Service return codes

Return code	Ext code	Description
0	0	Migrating mapping completed successfully.
4		Migrated map may be incomplete.
4	2	An error occurred while attempting to free storage.
4	5	An error occurred while releasing control of MAPFROM or MAPTO trading partner transaction.
4	9	An error occurred while accessing INCNTL QSAM file.
4	10	An error occurred while accessing OUTCNTL QSAM file.
4	12	An error occurred while parsing INCNTL record.
4	13	Segment could not be migrated.
4	14	Loop could not be migrated.
4	15	Elements in the segment could not be migrated.

Migrating Mapping Service return codes

Table 34. Migrating Mapping Service return codes (continued)

Return code	Ext code	Description
4	16	Qualification of a segment or loop could not be migrated.
8		Migrating Mapping Service failed.
8	3	Authorization failed for standard, MAPFROM or MAPTO trading partner transaction.
8	4	MAPFROM or MAPTO trading partner transaction is currently being updated.
8	6	Database read error.
8	7	Database write error.
8	8	Database delete error.
8	11	Validation error on MAPTO trading partner transaction.
8	17	Standard or transaction was not found.
12	1	Migrating Mapping Service failed because of a failed get storage request.

Profile Services

Profile Services manages the profiles. Other components place calls to Profile Services to access these profiles.

Table 35. Profile Services

Comp. ID	Component logical name	Component physical name	Component common name
PS	PROFLESV	EDIPSMN	VSAM Profile Services
PS	PROSERV	EDIPSMD	DB2 Profile Services

Profile Services Return Codes

Table 36. Profile Services Function Codes

Function Code	Description
10	Get profile data for inquiry
11	Get profile data for logging
12	Get inverse data (retrieval on field other than key)
15	Get profile data for update
20	Insert a new profile entry
30	Delete a profile entry
40	Update a profile entry
91	Get profile definition for inquiry
92	Insert a new profile definition
94	Update a profile definition
95	Get profile definition for update
99	Get list of profile definitions

Table 37. Profile Services Return Codes

Return code	Ext code	Msg ID	Description
0	0	None	Normal termination; task completed.
8	10	PS0010	Too few blocks are passed to Profile Services. Profile Services expects five blocks in the following order: <ol style="list-style-type: none"> 1. Service name block 2. Common control block 3. Function block 4. Profile Services control block 5. Profile Services data block
12	20	PS0020	Cannot allocate storage.
4	30	PS0030	Event logging error detected. An error occurred while logging the profile activity from the Event Logging Services. Activity was not logged.
4	40	PS0040	An error occurred while calling Common Error Services. Error was not logged.
12	99	PS0099	Unexpected error detected with the VSAM file.
8	100	PS0100	Profile ID is a required field.

Profile Services Return Codes

Table 37. Profile Services Return Codes (continued)

Return code	Ext code	Msg ID	Description
8	101	PS0101	Invalid function.
8	102	PS0102	Invalid search type.
8	103	PS0103	Requested number of occurrence is invalid.
8	105	PS0105	Invalid field length.
8	106	PS0106	Data record exceeds the allowable maximum record length.
8	107	PS0107	Key field is missing. Key field must be left-justified and padded with blanks.
8	108	PS0108	Invalid key length.
8	109	PS0109	Invalid search field.
12	200	PS0200	Cannot open the profile definition file.
8	201	PS0201	Profile does not exist.
8	202	PS0202	Profile already exists.
8	203	PS0203	Profile is in use.
8	204	PS0204	Change field length or type is not allowed.
8	205	PS0205	A read for update must be performed prior to updating the profile.
8	206	PS0206	Invalid field label. It has to be left-justified and padded with blanks.
8	207	PS0207	Profile definition buffer is not large enough.
12	210	PS0210	Cannot open the table definition file.
12	300	PS0300	Cannot open the profile data file.
8	301	PS0301	Data is not found.
8	302	PS0302	Duplicate key.
8	303	PS0303	Data is in use.
8	304	PS0304	Incorrect data format.
8	305	PS0305	A read for update must be performed prior to updating the profile data record.
8	307	PS0307	Profile data buffer is not large enough.
8	400	PS0400	DB2 database error (codes: rc, erc, sql).

Table 37. Profile Services Return Codes (continued)

Return code	Ext code	Msg ID	Description
12	310	PS0310	Cannot open the table definition file.
12	401	N/A	Error attaching DB2 (module: EDIRSSE). This error can occur for one of the following reasons: <ul style="list-style-type: none"> • A QSAM error was encountered opening EDITSIN (refer to the EDITRACE). • The QSAM buffer was too small. • A QSAM error was encountered reading EDITSIN (refer to the EDITRACE). • There was insufficient storage for the below-the-line GETMAIN request (refer to the EDITRACE). • An error was encountered opening or closing the DB2 connection (refer to the DSNTRACE).

File Handler or QSAM Handler

The File Handler is a Data Interchange module interface with the queued sequential access method (QSAM). In the MVS and time sharing option (TSO) environments, the File Handler issues QSAM macros on behalf of other components by using control blocks passed from them. In the CICS environment, the File Handler issues EXEC CICS commands to gain access to TS queues, TD queues, and ESDS VSAM files. If the extended return code is shown in Table 39, use the value in the table to determine the cause of the error.

In the MVS and TSO environments, if the extended return code is not in Table 39, the extended return code uses a value returned from File Handler. In this case, refer to the QSAM manual to determine the cause of the error.

In the CICS environment, if the extended return code is not in Table 39, the extended return code is the EIBRESP field in the EIB. In this case, refer to the *CICS Application Programming Reference* to determine the cause of the error.

Table 38. File Handler or QSAM handler

Comp. ID	Component logical name	Component physical name	Component common name
QS	QSAMHDL	EDIQSS	QSAM Handler

QSAM Handler Return Codes

Table 39. QSAM Handler Return Codes

Return code	Ext code	Description
0	0	Function request completed successfully.
4	4	An end-of-file condition was detected.
8	9	Unsupported function request.
8	28	File does not exist
8	38	Cannot open file
8	48	Cannot read from file
8	58	Cannot write to file
8	68	Function code not defined
8	78	Out of storage
8	128	No ddname or an invalid ddname.
12	10	QSAM Handler internal storage allocation error.
12	99	An invalid data control block.

Repository Services

Repository Services manages the databases. Other facilities call Repository Services to access tables.

For a return code of 12, use another source to analyze the extended return code. If you are using with a DB2 repository, the extended return code is the DB2 SQL return code. Refer to the *DB2 Messages and Codes Manual* for an explanation of SQL return codes.

If for CICS is used, the extended return code is the EIBRESP code. Refer to the *CICS Application Programming Reference*.

Table 40. Repository Services

Comp. ID	Component logical name	Component physical name	Component common name
RS	DATABASE	EDIRSML	Repository Services
RS	DB2MSGFM	EDIRSMG	DB2 Message Formatter Services

Table 41. Repository Services Return Codes

Return code	Ext code	Description
0	0	Function request completed successfully.
4	1	Syncpoint was not taken and was ignored.
8	4	Record was not found.
8	8	Duplicate record.

Table 41. Repository Services Return Codes (continued)

Return code	Ext code	Description
8	12	Insufficient buffer available for data returned.
8	14	Invalid program control value.
8	16	Invalid control block parameter.
8	20	Invalid data block parameter.
8	24	Invalid function block parameter.
8	28	Invalid service name block parameter.
8	32	Unable to get storage.
8	36	Unable to free storage.
8	39	Recursive call exit due to previous error.
8	40	Unable to open DB2 session. (DB2 only)
12	nn	nn = DB2 return code. See discussion preceding this table.

Screen Interface Services

Screen Interface Services uses the Graphical Data Display Manager (GDDM) to build, display, and process the screens for each facility. The screen interface processes the screens as follows:

1. Receive a request from facility to display a screen.
2. MRI (screen definition) is loaded from a VSAM file.
3. Screen is defined as required by GDDM.
4. Data from the requesting facility is loaded for the screen.
5. All of the data for the screen is written to GDDM.
6. Screen is displayed and user input is accepted.
7. Required data is loaded into the facility buffers.
8. Control is returned to the facility.

Table 42. Screen Interface Services

Comp. ID	Component logical name	Component physical name	Component common name
SI	SCREEN	EDISI00	Screen Interface Services

Table 43. Screen Interface Services Return Codes

Return code	Ext code	Msg ID	Description
4	14	SI1015	A request to free main storage failed.
4	23	SI1016	Screen interface encountered a VSAM close failure.
4	31	SI1012	An error occurred during Message Services retrieving a message.

Screen Interface Return Codes

Table 43. Screen Interface Services Return Codes (continued)

Return code	Ext code	Msg ID	Description
4	41	SI1014	The requested help was not found.
8	17	SI1017	An error occurred while retrieving the locator message record.
8	18	SI2004	An error occurred while retrieving the border message record.
8	101	SI1011	An error occurred during GDDM processing.
8	111	None	Device width is less than 80 cells.
8	112	None	Device depth is less than 24 lines.
8	120	None	Virtual array error occurred.
8	131	SI1011	Invalid GDDM code page specified in the language profile.
12	4	SI1013	A load module could not be found.
12	8	SI1008	A call to Edit Services failed.
12	11	SI1007	A request to get an anchor failed.
12	13	SI1006	A request for main storage failed.
12	21	SI1003	Screen interface encountered a VSAM READ failure.
12	22	SI1005	Screen interface encountered a VSAM OPEN failure.

Service Director

The Service Director is a set of routines that provides access to all services and facilities. It is the common interface between services, facilities, and applications.

Table 44. Service Director

Comp. ID	Component logical name	Component physical name	Component common name
Z	ENVSERV	FXXZCSD	Service Director Services

Table 45. Service Director return codes

Return code	Ext code	Description
-1	0	The service description table address in the common control block (CCB) is not valid. One of the following may have occurred: <ul style="list-style-type: none"> • The CCB has not been initialized with the environmental initialization function request. • The CCB has been destroyed. • The program is not using the same CCB used on the initialization request.
-2	0	The requested service is not known to .
-3	0	The requested service is known but does not exist in any library, and therefore, could not be loaded.
-4	0	Unable to establish environment needed by service because of insufficient virtual storage.
-5		A serious error has occurred.
-5	4	The parameter count from the SNB is less than 2. Any call to the Service Director must pass the SNB and CCB as parameters.
-5	8	The language in which the service is written is not supported.

Service Director Environmental Services

The Service Director Environmental Services are part of the service director and are operating system-dependent.

Initialization Service return codes

The Initialization Service (INIT) sets up the environment and identifies your program. The Initialization Service is called with a function code of 1. This must be the first call to .

Table 46. Service Director Environmental Initialization Service return codes

Return code	Ext code	Description
0	0	Initialization completed successfully.
4	4	Initialization failed because service tables have not been defined.

Service Director Environmental Services return codes

Table 46. Service Director Environmental Initialization Service return codes (continued)

Return code	Ext code	Description
4	8	Initialization failed because of insufficient virtual storage required to create environment or load tables.
4	12	Initialization failed because Edit Services failed.
4	16	Initialization failed because the user is currently signed on to the MVS/TSO online facility.
4	1024	Initialization failed because the user is not authorized to access the system.

Termination Service return codes

The Termination Service (TERM) performs housekeeping functions for ending the process. The Termination Service is called with a function code of 2. This should be the last call to .

Table 47. Service Director Environmental Termination Service return codes

Return code	Ext code	Description
0	0	Termination completed successfully.
nonzero	0	Termination failed.

Getmain Service return codes

The Getmain Service (GETMAIN) is used to obtain a specified amount of main storage. The Getmain Service is called with a function code of 9, 10, or 15.

Table 48. Service Director Environmental Getmain Service return codes

Return code	Ext code	Description
0	0	Getmain completed successfully.
4	0	Getmain failed because storage was not available. Increase the size of your region and run the process again.
8	4	Set anchor failed because the service is not defined.
8	8	Set anchor failed because storage is not available. Increase the size of your region and run the process again.
8	12	Set anchor failed because an anchor with the same name already exists.

Freemain Service return codes

The Freemain Service (FREEMAIN) is used to release main storage previously obtained through the Getmain Service. The Freemain Service is called with a function code of 11 or 16.

Table 49. Service Director Environmental Freemain Service return codes

Return code	Ext code	Description
0	0	Freemain completed successfully.
4	0	Freemain failed.
8	4	Set anchor associated with the freemain failed because the service is not defined.

Set Anchor Service return codes

The Set Anchor Service (SETANCHR) provides a mechanism for a service to associate a name with 4 bytes of storage. This is used to remember the address of a control block across multiple invocations. The Set Anchor Service is called with a function code of 12 or 17.

Table 50. Service Director Environmental Set Anchor Service return codes

Return code	Ext code	Description
0	0	Set anchor completed successfully.
4	0	Set anchor failed because the service is not defined.
8	0	Set anchor failed because storage is not available.
12	0	Set anchor failed because an anchor with the same name already exists.

Load Service return codes

The Load Service (LOAD) is used to load a program into main storage. The Load Service is called with a function code of 20.

Table 51. Service Director Environmental Load Service return codes

Return code	Ext code	Description
0	0	Load completed successfully.
4	0	Load failed.

Delete Service return codes

The Delete Service (DELETE) is used to delete a program that is already loaded. The Delete Service is called with a function code of 21.

Table 52. Service Director Environmental Delete Service return codes

Return code	Ext code	Description
0	0	Delete completed successfully.

Service Director Environmental Services return codes

Table 52. Service Director Environmental Delete Service return codes (continued)

Return code	Ext code	Description
4	0	Delete failed.

Link Service return codes

The Link Service (LINK) is used to transfer control to another program and wait for control to be returned. The Link Service is called with a function code of 22 or 23.

Table 53. Service Director Environmental Link Service return codes

Return code	Ext code	Description
0	0	Link completed successfully.
4	0	Link failed.

Add Service return codes

The Add Service (ADDSERV) provides a way to temporarily add an entry to the service director service tables. The Add Service is called with a function code of 60.

Table 54. Service Director Environmental Add Service return codes

Return code	Ext code	Description
0	0	Add Service completed successfully.
4	0	Add Service completed successfully. However, a freemain failed.
8	4	Add Service failed because of insufficient virtual storage.
8	8	Add Service failed because the service language is not supported.

Delete Service return codes

The Delete Service (DELSERV) deletes a service that was added using the Add Service. The Delete Service is called with a function code of 61.

Table 55. Service Director Environmental Delete Service return codes

Return code	Ext code	Description
0	0	Delete Service completed successfully.
4	0	Delete Service completed successfully. However, a freemain failed.
8	0	Delete Service failed because the service does not exist.

Enqueue Service return codes

The Enqueue Service (ENQUEUE) allows a program to assign control of a serially reusable resource to a task. The Enqueue Service is called with one of the following function codes: 70, 71, 73, 74, or 75.

Table 56. Service Director Environmental Enqueue Service return codes

Return code	Ext code	Description
0	0	Enqueue Service completed successfully.
4	0	Enqueue Service was not successful, and a wait was not requested.
8	0	Enqueue Service failed because the resource name length is greater than 64.

Dequeue Service return codes

The Dequeue Service (DEQUEUE) releases a previously obtained resource. The Dequeue Service is called with a function code of 72, 76, or 77.

Table 57. Service Director Environmental Dequeue Service return codes

Return code	Ext code	Description
0	0	Dequeue Service completed successfully.
8	0	Dequeue Service failed because the resource name length is greater than 64.

Get Fully Qualified Name Service return codes

The Get Fully Qualified Name Service (GETFQNME) returns the actual data set name for a ddname. The Get Fully Qualified Name Service is called with a function code of 90.

Table 58. Service Director Environmental Get Fully Qualified Name Service return codes

Return code	Ext code	Description
0	0	Get Fully Qualified Name Service completed successfully.
4	0	Get Fully Qualified Name Service completed successfully. However, the search name was not found.
8	0	Get Fully Qualified Name Service failed because of insufficient virtual storage.
12	0	Get Fully Qualified Name Service failed because of a dynamic allocation error.

Snap Service return codes

The Snap Service (SNAP) snaps data to a data set. The Snap Service is called with a function code of 140.

Table 59. Service Director Environmental Snap Service return codes

Return code	Ext code	Description
0	0	Snap Service completed successfully.
4	0	Snap Service failed.

Transaction Store services

The Transaction Store is a collection of control information and transaction images used to track the progress of a transaction or group of transactions.

The Transaction Store provides services that enable you to manipulate the Transaction Store data. These services are invoked by using the Service Director to call the service with the logical service name of TRANSSRV. The following components use the Transaction Store services:

- Translation Services
- IEF
- The batch utility program
- Transaction Store Facility

Table 60. Transaction Store services

Comp. ID	Component logical name	Component physical name	Component common name
TS	TRANSSRV	EDITSS	Transaction Store services

Selection Service return codes

The Selection Service gathers a subset of transactions within the Transaction Store. The Selection Service is called with one of the following function codes: 10, 11, 12, 13, 14, 15, 16, 17, 18, or 19.

Table 61. Transaction Store Selection Service return codes

Return code	Ext code	Database view	Description
0	0	None	Selection Service completed successfully.
4	11	None	Selection Service completed successfully with a warning error. Transaction handle records are not found in the database.

Transaction Store services Return Codes

Table 61. Transaction Store Selection Service return codes (continued)

Return code	Ext code	Database view	Description
8	10	EDIVTSTH	Selection Service failed because a database error occurred while reading the transaction handle table.
8	12	None	Selection Service for the remove transactions batch utility command failed because the elapsed time specified for the remove command has been exceeded.
8	13	None	Selection Service failed because all of the transactions were not in the correct status.

Purge Service return codes

The Purge Service marks transactions to be purged. The Purge Service is called with a function code of 20 or 25.

Table 62. Transaction Store Purge Service return codes

Return code	Ext code	Database view	Description
0	0	None	Mark for Purge Service completed successfully.
4		None	Mark for Purge Service failed. Some transactions were marked for purge.
4	20	None	Virtual array error.
4	21	None	Transaction was in the wrong status.
4	22	EDIVTSTH	Transaction was not found.
4	23	EDIVTSTH	Database error occurred while updating the transaction.
8		None	Purge Service failed. Transactions were not marked for purge.
8	20	None	Virtual array error.
8	21	None	Transaction was in the wrong status.
8	22	EDIVTSTH	Transaction was not found.
8	23	EDIVTSTH	Database error occurred while updating the transaction.

Unpurge Service return codes

The Unpurge Service removes transactions from the status to be purged. The Unpurge Service is called with a function code of 30 or 35.

Table 63. Transaction Store Unpurge Service return codes

Return code	Ext code	Database view	Description
0	0	None	Unpurge Service completed successfully.
4		None	Unpurge Service failed. Some transactions were unpurged.
4	30	None	Virtual array error.
4	31	None	Transaction was in the wrong status.
4	32	EDIVTSTH	Transaction was not found.
4	33	EDIVTSTH	Database error occurred while updating the transaction.
8		None	Unpurge Service failed. Transactions were not unpurged.
8	30	None	Virtual array error.
8	31	None	Transaction was in the wrong status.
8	32	EDIVTSTH	Transaction was not found.
8	33	EDIVTSTH	Database error occurred while updating the transaction.

Hold Service return codes

The Hold Service marks transactions as being held. The Hold Service is called with a function code of 40 or 45.

Table 64. Transaction Store Hold Service return codes

Return code	Ext code	Database view	Description
0	0	None	Hold Service completed successfully.
4		None	Hold Service failed. Some transactions were held.
4	40	None	Virtual array error.
4	41	None	Transaction was in the wrong status.
4	42	EDIVTSTH	Transaction was not found.

Transaction Store services Return Codes

Table 64. Transaction Store Hold Service return codes (continued)

Return code	Ext code	Database view	Description
4	43	EDIVTSTH	Database error occurred while updating the transaction.
8		None	Hold Service failed. Transactions were not held.
8	40	None	Virtual array error.
8	41	None	Transaction was in the wrong status.
8	42	EDIVTSTH	Transaction was not found.
8	43	EDIVTSTH	Database error occurred while updating the transaction.

Release Service return codes

The Release Service removes transactions from the held status. The Release Service is called with a function code of 50 or 55.

Table 65. Transaction Store Release Service return codes

Return code	Ext code	Database view	Description
0	0	None	Release Service completed successfully.
4		None	Release Service failed. Some transactions were released.
4	50	None	Virtual array error.
4	51	None	Transaction was in the wrong status.
4	52	EDIVTSTH	Transaction was not found.
4	53	EDIVTSTH	Database error occurred while updating the transaction.
8		None	Release Service failed. Transactions were not released.
8	50	None	Virtual array error.
8	51	None	Transaction was in the wrong status.
8	52	EDIVTSTH	Transaction was not found.
8	53	EDIVTSTH	Database error occurred while updating the transaction.

Get Image Service return codes

The Get Image Service returns the transaction image. The Get Image Service is called with a function code of 60.

Table 66. Transaction Store Get Image Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Image Service completed successfully.
8		None	Get Image Service failed.
8	60	EDIVTSTI	Image not found.
8	61	EDIVTSTI	Database error occurred while getting the image.

Envelope Service return codes

The Envelope Service builds envelopes for transactions that have not been previously enveloped. The Envelope Service is called with a function code of 70 or 71.

Table 67. Transaction Store Envelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Envelope Service completed successfully.
4		None	Envelope Service failed. Some envelopes completed successfully.
4	70	None	Virtual array error.
4	74	None	Getmain error.
8		None	Envelope Service failed. Envelopes were not completed successfully.
8	70	None	Virtual array error.
8	74	None	Getmain error.

Reenvelope Service return codes

The Reenvelope Service builds envelopes for transactions that have been previously enveloped. The Reenvelope Service is called with a function code of 80.

Table 68. Transaction Store Reenvelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Reenvelope Service completed successfully.
4		None	Reenvelope Service failed. Some envelopes completed successfully.
4	80	None	Virtual array error.
4	84	None	Getmain error.

Transaction Store services Return Codes

Table 68. Transaction Store Reenvelope Service return codes (continued)

Return code	Ext code	Database view	Description
8		None	Reenvelope Service failed. Envelopes were not completed successfully.
8	80	None	Virtual array error.
8	84	None	Getmain error.

Add Transaction Service return codes

The Add Transaction Service adds a transaction and its associated records to the Transaction Store. The Add Transaction Service is called with a function code of 110 or 111.

Table 69. Transaction Store Add Transaction Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Transaction Service completed successfully.
8		None	Add Transaction Service failed.
8	110	None	Transaction handle block is missing.
8	111	EDIVTSTO	Database error occurred while adding the transaction override record.
8	112	EDIVTSTU	Database error occurred while adding the transaction usage record.
8	113	EDIVTSTI	Database error occurred while adding the transaction image.
8	114	EDIVTSAU	Database error occurred while adding the application transaction record.
8	115	EDIVTSTH	Database error occurred while updating the transaction handle record.
8	116	EDIVTSTU	Database error occurred attempting to add duplicate transaction usage.

Add Envelope Service return codes

The Add Envelope Service adds an envelope record to the Transaction Store. The Add Envelope Service is called with a function code of 120 or 122.

Transaction Store services Return Codes

Table 70. Transaction Store Add Envelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Envelope Service completed successfully.
4	124	None	Add Envelope Service completed successfully with a duplicate envelope.
8		None	Add Envelope Service failed.
8	120	EDIVTSEV	Database error occurred on the add envelope.
8	121	EDIVTSEV	Delete of envelope failed when duplicate envelope condition was encountered.
8	122	EDIVTSGP	Delete of group failed when duplicate envelope condition was encountered.
8	123	EDIVTSTU	Delete of transaction usage failed when duplicate envelope condition was encountered.
8	126	EDIVTSEV	Error on the COMMIT call.
8	127	EDIVTSEV	Error getting a shared lock.

Add Group Service return codes

The Add Group Service adds a group record to the Transaction Store. The Add Group Service is called with a function code of 130.

Table 71. Transaction Store Add Group Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Group Service completed successfully.
8	130	EDIVTSGP	Add Group Service failed because of a database error.
8	131	EDIVTSGP	Add Group Service failed because this is a duplicate group.

Add Transaction Usage Service return codes

The Add Transaction Usage Service adds a transaction usage record to the Transaction Store. The Add Transaction Usage Service is called with a function code of 140.

Transaction Store services Return Codes

Table 72. Transaction Store Add Transaction Usage Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Transaction Usage Service completed successfully.
8	140	EDIVTSTU	Add Transaction Usage Service failed because of a database error.
8	141	EDIVTSTU	Add Transaction Usage Service failed because this is a duplicate transaction usage.

Add Application Transaction Service return codes

The Add Application Transaction Service adds an application transaction record to the Transaction Store. The Add Application Transaction Service is called with a function code of 150.

Table 73. Transaction Store Add Application Transaction Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Application Transaction Service completed successfully.
8		None	Add Application Transaction Service failed.
8	150	EDIVTSAU	Database error occurred while adding the application transaction record.
8	151	None	Transaction handle block is missing.

Get Handle Service return codes

The Get Handle Service gets a unique handle for the next transaction to be added to the Transaction Store. The Get Handle Service is called with a function code of 160, 161, or 162.

Table 74. Transaction Store Get Handle Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Handle Service completed successfully.
8	0	None	Get Handle Service failed.

Get Service return codes

The Get Service returns information about a transaction from the Transaction Store. The Get Service is called with a function code of 170 or 171.

Transaction Store services Return Codes

Table 75. Transaction Store Get Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Service completed successfully.
4	0	None	Get Service failed. Some blocks were retrieved successfully.
8	0	None	Get Service failed. Blocks were not retrieved successfully.

Get Data Service return codes

The Get Data Service returns transaction data for a transaction in the Transaction Store. The Get Data Service is called with a function code of 180 or 181.

Table 76. Transaction Store Get Data Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Data Service completed successfully.
4	0	None	Get Data Service failed. Some blocks were retrieved successfully.
4	181	None	Get Data Service completed successfully and is a duplicate envelope.
8	0	None	Get Data Service failed. Blocks were not retrieved successfully.

Remove Service return codes

The Remove Service removes transactions from the Transaction Store. The Remove Service is called with a function code of 190 or 191.

Table 77. Transaction Store Remove Service return codes

Return code	Ext code	Database view	Description
0	0	None	Remove Service completed successfully.
4		None	Remove Service failed.
4	190	None	User was not authorized to remove transactions.
4	191	EDIVTSTH	Database error occurred while deleting the transaction handle record.
4	192	EDIVTSTU	Database error occurred while deleting the transaction usage record.

Transaction Store services Return Codes

Table 77. Transaction Store Remove Service return codes (continued)

Return code	Ext code	Database view	Description
4	193	EDIVTSGP	Database error occurred while deleting the group record.
4	194	EDIVTSEV	Database error occurred while deleting the envelope record.
4	195	EDIVTSAU	Database error occurred while deleting the application transaction record.
4	196	EDIVTSTO	Database error occurred while deleting the transaction override record.
4	197	EDIVTSTI	Database error occurred while deleting the transaction image.
4	198	None	Virtual array error occurred.
4	199	None	Database lock could not be acquired.
4	200	None	The elapsed time specified for the remove command has been exceeded.
4	201	None	Database lock could not be acquired. This could be locked on any one of the Transaction Store tables: <ul style="list-style-type: none"> • EDIVTSTH • EDIVTSTU • EDIVTSEV • EDIVTSGP • EDIVTSAU • EDIVTSTO • EDIVTSTI

Approve Log Archive Service return codes

The Approve Log Archive Service approves the archive of a log entry associated with a transaction in the Transaction Store. The Approve Log Archive Service is called with a function code of 360.

Table 78. Transaction Store Approve Log Archive Service return codes

Return code	Ext code	Database view	Description
0		None	Approve Log Archive Service completed successfully.
0	360	None	Entry is eligible for deletion.

Transaction Store services Return Codes

Table 78. Transaction Store Approve Log Archive Service return codes (continued)

Return code	Ext code	Database view	Description
0	361	None	Entry is not eligible for deletion.
8		None	Approve Log Archive Service failed.
8	362	EDIVTSTH	Database error occurred while reading the transaction handle record.
8	363	EDIVTSTU	Database error occurred while reading the transaction usage record.
8	364	EDIVTSGP	Database error occurred while reading the group record.
8	365	EDIVTSEV	Database error occurred while reading the envelope record.

Update Status Service return codes

The Update Status Service updates the status of transactions. The Update Status Service is called with one of the following function codes: 210, 211, 212, 213, 214, or 215.

Table 79. Transaction Store Update Status Service return codes

Return code	Ext code	Database view	Description
0	0	None	Update Status Service completed successfully.
8		None	Update Status Service failed.
8	210	EDIVTSEV	Envelope was not found.
8	211	None	Virtual array error occurred.
8	212	EDIVTSEV	Database error occurred while updating the envelope.

Update Envelope Return Codes

The Update Envelope Service updates an envelope in the Transaction Store. The Update Envelope Service is called with one of the following function codes: 220 or 221.

Table 80. Transaction Store Update Envelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Update Envelope Service completed successfully.
8		None	Update Envelope Service failed.

Transaction Store services Return Codes

Table 80. Transaction Store Update Envelope Service return codes (continued)

Return code	Ext code	Database view	Description
8	220	EDIVTSEV	Envelope was not found.
8	221	None	Database error occurred on the update envelope.

Resolve Service return codes

The Resolve Service retrieves network status and updates the Transaction Store. The Resolve Service is called with a function code of 230.

Table 81. Transaction Store Resolve Service return codes

Return code	Ext code	Database view	Description
0	0	None	Resolve Service completed successfully.
8	0	None	Resolve Service failed.

Wait Check Service return codes

The Wait Check Service checks to see if the background network update job is currently running. The Wait Check Service is called with a function code of 240.

Table 82. Transaction Store Wait Check Service return codes

Return code	Ext code	Database view	Description
0	0	None	Wait Check Service completed successfully.
4	240	None	Wait Check Service completed successfully and communications is busy.

Update Group Service return codes

The Update Group Service updates a group record in the Transaction Store. The Update Group Service is called with one of the following function codes: 250, 251, or 252.

Table 83. Transaction Store Update Group Service return codes

Return code	Ext code	Database view	Description
0	0	None	Update Group Service completed successfully.
8		None	Update Group Service failed.
8	250	EDIVTSGP	Group was not found.
8	251	EDIVTSGP	Database error occurred on the update group.

Get Application Transaction Records Return Codes

The Get Application Transaction Records Service is called to retrieve all of the application transaction records for a transaction. The Get Application Transaction Records Service is called with a function code of 270.

Transaction Store services Return Codes

Table 84. Transaction Store Get Application Transaction Records Return Codes

Return code	Ext code	Database view	Description
0	0	None	Get Application Transaction Records Service completed successfully.
8		None	Get Application Transaction Records Service failed.
8	270	EDIVTSAU	Application transaction record was not found.
8	271	EDIVTSAU	Database error occurred while reading the application transaction record.

Get Transaction Usage Records Return Codes

The Get Transaction Usage Records Service is called to retrieve all of the transaction usage records for a transaction. The Get Transaction Usage Records Service is called with a function code of 280.

Table 85. Transaction Store Get Transaction Usage Records Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Transaction Usage Records Service completed successfully.
8		None	Get Transaction Usage Records Service failed.
8	280	EDIVTSTU	Transaction usage record was not found.
8	281	EDIVTSTU	Database error occurred while reading the transaction usage record.

Get Envelope Service return codes

The Get Envelope Service is called to retrieve a specific envelope. The Get Envelope Service is called with a function code of 290.

Table 86. Transaction Store Get Envelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Envelope Service completed successfully.
8		None	Get Envelope Service failed.
8	290	EDIVTSEV	Envelope was not found.
8	291	EDIVTSEV	Database error occurred while reading the envelope.

Get Group Service return codes

The Get Group Service is called to retrieve a specific group. The Get Group Service is called with a function code of 300.

Table 87. Transaction Store Get Group Service return codes

Return code	Ext code	Database view	Description
0	0	None	Get Group Service completed successfully.
8		None	Get Group Service failed.
8	300	EDIVTSGP	Group was not found.
8	301	EDIVTSGP	Database error occurred while reading the group.

Add Handle Service return codes

The Add Handle Service adds a handle to the Transaction Store. The Add Handle Service is called with a function code of 320.

Table 88. Transaction Store Add Handle Service return codes

Return code	Ext code	Database view	Description
0	0	None	Add Handle Service completed successfully.
8	0	None	Add Handle Service failed.

Delete Envelope Service return codes

The Delete Envelope Service deletes an envelope record from the Transaction Store. The Delete Envelope Service is called with one of the following function codes: 340, 341, 342, 343, or 344.

Table 89. Transaction Store Delete Envelope Service return codes

Return code	Ext code	Database view	Description
0	0	None	Delete Envelope Service completed successfully.
8		None	Delete Envelope Service failed.
8	120	EDIVTSEV	Database error occurred on the delete envelope.
8	122	EDIVTSGP	Delete of envelope's groups failed.
8	123	EDIVTSTU	Delete of envelope's transaction usages failed.
8	126	EDIVTSEV	Error on the COMMIT call.
8	127	EDIVTSEV	Error getting a shared lock.

Check Envelope Existence Service return codes

The Check Envelope Existence Service is called to check to see if a specific envelope exists. The Check Envelope Existence Service is called with a function code of 350.

Table 90. Transaction Store Check Envelope Existence Service return codes

Return code	Ext code	Database view	Description
0	0	None	Check envelope existence completed successfully.
4	351	EDIVTSEV	Envelope was not found.
8	352	EDIVTSEV	Database error occurred while reading the envelope.

Translation Services

The following table shows components that use the Translation Services.

Table 91. Translation Services

Comp. ID	Component logical name	Component physical name	Component common name
TR	DIUCFAC	EDITRXF	Translation Control Functional Acknowledgment Services
TR	DIUCFDAT	EDITRXF	Translation Control Functional Acknowledgment Services
TR	DIUCIAC	EDITRXF	Translation Control Functional Acknowledgment Services
TR	DIUCMDAT	EDITRXF	Translation Control Functional Acknowledgment Services
TR	EDIASCII	EDITRF2	Translation ASCII Filter Services
TR	EDIBAUDO	EDITRF3	Translation BAUDO Filter Services
TR	EDICHKI	EDITRCF	Translation Check Data User Exit Services
TR	EDICHKU	EDITRCF	Translation Check Data User Exit Services
TR	EDIHEX	EDITRF1	Translation Hex Filter Services

Translation Services Return Codes

Table 91. Translation Services (continued)

Comp. ID	Component logical name	Component physical name	Component common name
TR	EDIQQF	EDITRCF	Translation Check Data User Exit Services
TR	IBMFILTR	EDITRF4	Translation Filter Router Services
TR	IBMNSPA	EDITRAA	Translation Authentication Services
TR	IBMNSPE	EDITREE	Translation Encryption Services
TR	IBMTSSA	EDITRAA	Translation Authentication Services
TR	IBMTSSE	EDITREE	Translation Encryption Services
TR	TRACKMAN	EDITR	Translation Services
TR	TRANPROC	EDITR	Translation Services
TR	TRGETPUT	EDITRGP	Translation Encryption Get/Put Services

Translation Services Return Codes

Chapter 4. Utility condition codes

return codes

The tables in this chapter refer to the Utility Severity (UTILSEV) and Condition (UTILCCODE) codes. If you are working in the native environment the UTILCCODE code is returned as the Job Step Condition Code. For users, these codes are returned in the Utility Control Block. See the WebSphere Data Interchange Programmer's Reference for more information.

UTILSEV refers to the Utility Control Block field CCBRC. UTILCCODE refers to the Utility Control Block field CCBERC. The Utility Control Block fields CCBRC and CCBERC should not be confused with the Common Control Block (CCB) fields ZCCBRC and ZZCBERC.

Utility condition codes

When the Utility completes its processing, a job step condition code is returned in . Possible values are provided in the tables below under column "Condition code - UTILCCODE." If you are using, this value is set in the CCBERC field in the Utility Control Information Block along with an associated Severity code, CCBRC. For more information about the format of Utility control information, see the WebSphere Data Interchange Programmer's Reference. The Utility returns the most serious return code encountered during a job step. If you are working in the native environment, your JCL can include logic that tests the return code and, if appropriate, ends the job. If a nonzero job step condition code is returned, examine the audit trail report (ddname PRTFILE) for details.

In those cases where you want to ignore certain condition codes, the keywords IFCC and SETCC can be used on any PERFORM statement to override up to 10 different possible condition codes. For more on overriding the condition codes, see "General Utility condition codes."

Note: You must exercise caution to prevent overriding a meaningful error thus causing unpredictable results.

General Utility condition codes

Table 92 describes condition codes for general Utility function, both noncommunications and nontranslation.

Table 92. Condition codes for noncommunication and nontranslation functions

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0000	0000	N/A	Processing completed successfully for all PERFORM commands.
0008	0003	None	See "Translation condition codes" on page 229. This error may indicate that records were written to the exception file. See CCEXCEPTION value 'Y' message ID FF0194.)

General Utility condition codes

Table 92. Condition codes for noncommunication and nontranslation functions (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0008	0016	None	Edit services could not successfully initialize.
0008	0020	FF0486	Command only supported in the environment.
0008	0032	None	Cannot open the print file (logical name PRTFILE in).
0008	0036	FF0550	Report continuous receive status error.
0008	0048	Multiple	An error occurred while parsing the command language input. (Messages TS0100 - TS0230.)
0008	0064	FF0410	A command file name was not passed into the Utility (only).
0008	0080	FF0411	Cannot open the command file (logical name SYSIN in).
0008	0088	Multiple	An error has occurred attempting to invoke a response application. (Message FF0477 - FF0478).
0008	0096	FF0200	The Utility attempted to obtain storage, but could not.
0008	0112	FF0412	An error occurred while attempting to read from the command file.
0008	0120	None	Service Director could not successfully initialize.
0008	0128	FF0413	Too many commands were contained in the command file.
0008	0144	FF0414	An error occurred while attempting to close the command file.
0008	0160	FF0404	An error occurred while attempting to free a storage location.
0008	0176	Multiple	An error occurred in the Transaction Store while selecting transactions. (Check for repository messages.)
0008	0184	FF0415	There are no transactions in the Transaction Store to process.
0008	0192	FF0416	A selection criteria was specified, but no transactions in the store meet the criteria.
0008	0208	FF0417	A query file name was not passed into the Utility (only).
0008	0224	FF0418	Cannot open the query file (logical name EDIQUERY in).

General Utility condition codes

Table 92. Condition codes for noncommunication and nontranslation functions (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0008	0240	FF0419	An error occurred while attempting to write to the query file.
0008	0256	FF0420	An error occurred while attempting to close the query file.
0008	0272	Multiple	An error occurred during the processing of a PURGE command. (Messages: FF0422 - FF0425.)
0008	0288	Multiple	An error occurred during the processing of an UNPURGE command. (Messages: FF0426 - FF0429.)
0008	0300	Multiple	An error occurred in Expedite/ during start and stop of continuous receive. (Messages: CR0040 and VM1017 or VN1019).
0008	0303	Multiple	An error occurred while attempting to retrieve a continuous receive profile during a start or stop of continuous receive. (Messages: CR0010 and PS0301).
0008	0304	Multiple	An error occurred during the processing of a HOLD command. (Messages: FF0430 - FF0433.)
0008	0320	Multiple	An error occurred during the processing of a RELEASE command. (Messages: FF0434 - FF0437.)
0008	0336	FF0510	An error occurred during the processing of a PRINT command.
0008	0464	Multiple	An error occurred during the processing of an ENVELOPE command. (Messages: FF0438 - FF0443 - FF0571.)
0008	0480	Multiple	An error occurred during the processing of a REENVELOPE command. (Messages: FF0449 - FF0571.)
0008	0496	FF0421	A request to send or receive data was issued, but a requestor ID was not supplied.
0008	0512	FF0453	An error occurred while attempting to retrieve a requestor ID.

General Utility condition codes

Table 92. Condition codes for noncommunication and nontranslation functions (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0008	0544	FF0450	A request to send or receive data was issued, but a requestor ID was not supplied that matches a network for which data was enveloped.
0008	0560	Multiple	An error occurred while attempting to retrieve a message from the message file. (Messages: MS0010 - MS0020.)
0008	0576	FF0401	An error occurred while attempting to write to the print file.
0008	0592	FF0451	A command requiring a selection criteria was issued, but no selection criteria were specified.
0008	0608	FF0452	A requestor ID was specified, but it could not be found.
0008	0624	Multiple	An error occurred during the processing of a REMOVE TRANSACTIONS command. (Messages: FF0454 - FF0462.)
0008	0632	FF0573	Remove log error.
0008	0634	FF0575	Load log error.
0008	0636	FF0577	Unload log error.
0008	0640	FF0300	Cannot open the tracking file (logical name FFSTRAK in).
0008	0656	FF0302	An error occurred while attempting to write to the tracking file.
0008	0672	FF0300	Cannot open the exception file (logical name FFSEXP in).
0008	0688	FF0302	An error occurred while attempting to write to the exception file.
0008	0704	Multiple	An error occurred during the processing of an EXPORT command. (Messages: EI0002 - EI0063.)
0008	0720	Multiple	An error occurred during the processing of an IMPORT command. (Messages: EI0002 - EI0063.)
0008	0736	FF0467	The command file does not contain any commands to process.

Table 92. Condition codes for noncommunication and nontranslation functions (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0008	0752	Multiple	An error occurred during the processing of a CLOSE MAILBOX command. (Check for communication errors.)
0008	0768	FF0469	Elapsed time exceeded for REMOVE TRANSACTIONS.
0008	0784	FF0471	No records match selection criteria for DATA EXTRACT command.
0008	0800	FF0472	Error during MAPPING MIGRATION command.
0008	0816	FF0421	Mandatory REQID keyword not provided.
0008	0832	FF0474	Error reading NETPROF profile member.
0008	0848	FF0475	Error encountered by message handler program.
0008	0864	FF0525	Error during UPDATE STATUS command.
0008	0880	Multiple	Error during management reporting command. (Messages: FF0527, FF0529, FF0531, or FF0534.)
0008	0896	FF0546	The delete profile request failed.
0008	0903	FF0194	Records written to the exception file. (See CCEXCEPTION value 'X', on page 33.)
0008	0912	FF0480	No message handler specified.
0008	0928	FF0481	No network output specified.
0008	0976	FF0542	Reconstruct command field.
0008	0992	FF0548	The query profile request failed.

Translation condition codes

This section categorizes all translation errors, provides outbound and inbound translation considerations, and tabulates all translator errors with their corresponding Utility condition codes. The applicable Utility commands are:

Outbound translation:

- PERFORM TRANSLATE TO STANDARD
- PERFORM TRANSLATE AND ENVELOPE
- PERFORM TRANSLATE AND SEND

Inbound translation:

- PERFORM DEENVELOPE

Translation condition codes

- PERFORM TRANSLATE TO APPLICATION
- PERFORM RETRANSLATE TO APPLICATION
- PERFORM DEENVELOPE AND TRANSLATE
- PERFORM RECEIVE AND TRANSLATE

Translation errors are categorized by level. The highest error encountered is reflected in the Utility Condition Code.

Code	Description
0	Normal or warning conditions
1	Data element errors
2	Segment errors
3	Transaction errors
4	Group envelope errors
5	Interchange envelope errors
6	Invalid data errors
> 120	Environmental and program errors

The translator continues processing in all cases except severe errors (Environmental and program errors). For example, if the translator encounters an interchange level error, code of 5, it continues by processing the next interchange. Similarly, if an "unacceptable" translation error occurs the translator skips the current transaction and goes on to the next transaction. The "acceptable error level" is defined in the trading partner transaction usage. You indicate a level of 0, 1, or 2 as being acceptable. When a program error occurs, the translator aborts immediately. The Utility records the errors in the audit trail file (print file) and event log.

Note: The Utility does not return the information records you requested for translation errors with a level of 3 or greater.

Outbound translation considerations

Errors that exceed the acceptable error level that you chose when defining the transaction stop the translation of the current transaction. A transaction that is not successfully translated is written to the exception file. If the Utility encounters one of the errors described in this section and it is unacceptable, it writes the entire transaction to the exception file. Also, if C and D records are being used, the return codes in the control record are updated accordingly. Data records in the exception file are copies of your input records.

Notes:

1. Depending on the error, the exception file might not contain all the untranslated records. You might have to use your original application files to correct and reprocess the untranslated transactions. The audit trail report contains information that can help you recover the untranslated transactions. The event log is also an important source of diagnostic information.
2. Initialization errors, such as failure to open a file, result in SYSPRINT error messages.

Additionally, the Utility can generate errors prior to translator invocation. The Condition codes that might be caused by problems with an application file are shown in Table 93 on page 231 (utility keyword APPFILE):

Table 93. Utility condition codes from Invalid Application Input

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Description
0008	0006	FF0131	Input APPFILE is empty.
0008	0009	FF0152	A transaction in APPFILE does not contain a valid record code.
0008	0011	FF0151	A transaction in APPFILE does not contain a 'C' record.
0008	0017	FF0150	A transaction in APPFILE does not contain a 'D' record.

Inbound translation considerations

Errors that exceed the acceptable error level that you chose when defining the transaction stop the translation of the current transaction. A transaction that is not successfully translated is NOT written to the exception file. If the Utility encounters one of the errors described in this section and it is unacceptable, it writes the transaction to the Transaction Store, but produces no application output data.

Notes:

1. Application output will only be written to the exception file in the event that the application file(s) cannot be open.
2. You can use the RETRANSLATE TO APPLICATION function to reprocess the untranslated transactions. The audit trail report contains information that can help you recover the untranslated transactions. The event log is also an important source of diagnostic information.

Translation Condition code tables

The next nine tables list all possible translator errors. Each table represents a category as follows:

Table 94. Utility Command Levels

Error	Example	Location
Warning conditions	Structure not used, end of file.	232
Data element errors	Data element too short or too long.	232
Segment errors	Mandatory segment missing, unrecognized segment.	234
Transaction syntax errors	Control number mismatch, segment count incorrect.	235
Transaction environmental errors	Mapping not found.	236
Group errors	Control number mismatch, password invalid.	238
Interchange errors	Control number mismatch, trading partner not known.	239
Invalid data errors	Not an interchange.	241
Environmental or program errors	Database error, insufficient virtual storage.	241
<p>Note: Each translation error level can have many causes. Each cause has a unique message ID and a unique code assigned. For more information regarding a specific error message, see the messages listed in this book. For more information regarding how a unique code can be used, see the WebSphere Data Interchange Programmer's Reference.</p>		

Translation Condition code tables

Normal or warning condition codes

Table 95 shows warnings or normal conditions that do not set a condition code.

Table 95. Condition codes for translation with normal or warning conditions

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0000	0000	None	0	Processing of requested function completed normally.
0000	0000	TR0841	2	Structure not defined in the application data format.
0000	0000	TR0403	3	Structure not used in the mapping.
0000	0000	TR0404	4	Structure defined as part of parent (not passed separately).
0000	0000	TR0405	5	Raw data structure could not be identified.
0000	0000	TR0406	6	Raw data structure received but structure defined to start the translation not yet received.
0000	0000	TR0407	7	Mismatching loop ID values in LS and LE segments.
0000	0000	TR0408	8	LS segment does not have a corresponding LE segment.
0000	0000	TR0409	9	No mapping provided for hierarchical code and parent hierarchical code combination.
0000	0000	TR0824	505	Transmission of envelope to communications failed.
0000	0000	TR0401	1	End of file, no more envelopes in the envelope queue.

Data Element condition codes

Table 96 shows the errors that occur at the data element level. The translation might still be acceptable based on the acceptable error level established in the send or receive usage record.

Table 96. Utility condition codes for Data Element translation errors

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0001	None	0	The highest severity of error detected during translation of this transaction is at the data element level.

Translation Condition code tables

Table 96. Utility condition codes for Data Element translation errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0001	TR0001	101	A mapped mandatory data element is blank for a segment containing data in other data elements.
0008	0001	TR0002	102	Data element is too long.
0008	0001	TR0003	103	Data element is too short.
0008	0001	TR0004	104	Code in ID type field not found in validation table.
0008	0001	TR0005	105	Code in ID type field not found in translation table.
0008	0001	TR0006	106	User exit for data element failed. Exit routine returned an error.
0008	0001	TR0007	107	Invalid date format. Unable to reformat date according to customized date edit number.
0008	0001	TR0008	108	Data element conversion failed. Format of data in input buffer conflicts with mapping.
0008	0001	TR0009	109	Standard length exceeds application length.
0008	0001	TR0010	111	Paired conditionality in segment not satisfied.
0008	0001	TR0011	112	Required conditionality in segment not satisfied.
0008	0001	TR0012	113	Mutually exclusive conditionality in segment not satisfied.
0008	0001	TR0013	114	Conditional conditionality in segment not satisfied.
0008	0001	TR0014	110	Conditional-paired conditionality in segment not satisfied.
0008	0001	TR0015	115	Mandatory composite field missing.
0008	0001	TR0016	116	Data element validation failed.
0008	0001	TR0017	117	Attempt to increment accumulator will exceed maximum size.
0008	0001	TR0018	118	Attempt to add a value to an accumulator will exceed maximum size.
0008	0001	TR0023	119	Data in application data format has been overlaid.

Translation Condition code tables

Table 96. Utility condition codes for Data Element translation errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0001	TR0024	120	Field data that was not mapped has been received.

Segment condition codes

Table 97 shows the errors that occur on the segment level. The translation might still be acceptable based on the acceptable error level established in the send or receive usage record.

Table 97. Utility condition codes for Segment translation errors

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0002	None	0	The highest severity of error detected during translation of this transaction is at the segment level.
0008	0002	TR0019	207	Error getting storage while processing binary segment.
0008	0002	TR0020	208	Error opening a file while processing binary segment.
0008	0002	TR0021	209	Error reading a file while processing binary segment.
0008	0002	TR0022	210	Error writing a file while processing binary segment.
0008	0002	TR0050	201	A segment contains more elements than the standard allows.
0008	0002	TR0051	202	Unrecognized segment ID. The segment is not defined for the transaction.
0008	0002	TR0052	203	A mandatory, mapped segment for this trading partner is missing.
0008	0002	TR0053	204	Occurrences of a repeating segment in the input data exceed the maximum use count for the structure in the data format.
0008	0002	TR0054	205	Loop repetition count exceeded. Loop repeats more times than definition specifies.

Table 97. Utility condition codes for Segment translation errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0002	TR0055	206	Segment repetition count exceeded. Segment repeats more times than definition specifies.
0008	0002	TR0056	211	Unexpected segment data received.
0008	0002	TR0057	215	Application data received out of sequence.
0008	0002	TR0058	212	Creation of standard loop has been aborted.
0008	0002	TR0059	213	Creation of a repeating segment has been aborted.
0008	0002	TR0060	214	Creation of a segment has been aborted.

Transaction condition codes

This section describes the transaction errors. Table 98 shows errors that indicate a serious problem with the syntax of a transaction. Table 99 on page 236 shows the environment-related errors. Such errors include a situation in which Data Interchange is unable to locate a map or control string, which is necessary to process the transaction.

Table 98. Utility condition codes for Transaction translation: EDI syntax errors

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0003	None	0	The highest severity of error detected during translation of this transaction is at the transaction set level.
0008	0003	TR0025	326	Duplicate transaction within group or interchange.
0008	0003	TR0101	302	Transaction set control numbers do not match in header and trailer.
0008	0003	TR0103	304	Transaction set trailer contains invalid segment count.
0008	0003	TR0105	315	Security profile member could not be found for encrypted transaction.
0008	0003	TR0106	316	Authentication failed.
0008	0003	TR0107	317	S2S segment without S2E. Incomplete security segments for received transaction.

Translation Condition code tables

Table 98. Utility condition codes for Transaction translation: EDI syntax errors (continued)

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0003	TR0108	318	S2E segment without S2S. Incomplete security segments for received transaction.
0008	0003	TR0207	506	Envelope is not defined correctly. Envelope definition damaged.
0008	0003	TR0208	507	Envelope is not defined correctly. Envelope definition damaged.
0008	0003	TR1257	335	Mandatory composite missing in service segment.
0008	0003	TR1258	336	Service segment data element too long.
0008	0003	TR1259	337	Service segment data element value not defined in validation table.
0008	0003	TR1260	338	Service segment data element value not consistent with data type.
0008	0003	TR1261	339	Mandatory data element missing in service segment.
0008	0003	TR1262	340	Service segment data element too small.

Transaction environmental errors

Table 99. Utility condition codes for Transaction Translation: environmental errors

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0003	TR0104	305	Receive trading partner transaction not found.
0008	0003	TR0109	319	Attempt to receive translate (TRANSLATE TO APPLICATION) a transaction that was previously send translated (TRANSLATE TO STANDARD).
0008	0003	TR0110	320	Invalid transaction handle.
0008	0003	TR0111	321	Attempt to envelope a received transaction.
0008	0003	TR0112	322	Attempt to translate a transaction that does not have a group or interchange segment associated with it.

Translation Condition code tables

Table 99. Utility condition codes for Transaction Translation: environmental errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0003	TR0113	324	Attempt to envelope a transaction from a bundle without enveloping the controlling transaction.
0008	0003	TR0114	325	Attempt to envelope a transaction that was not translated successfully.
0008	0003	TR0115	327	Transaction control number assigned by application not valid.
0008	0003	TR0116	328	Transaction control number assigned by application is a duplicate.
0008	0003	TR0117	330	Call to transaction services for details failed.
0008	0003	TR0118	331	Error attempting to get image from Transaction Store.
0008	0003	TR0119	332	Request to get an image that does not exist.
0008	0003	TR0120	333	Request to get an image but the base has not been established.
0008	0003	TR0121	334	Attempt to envelope a transaction with an incorrect status.
0008	0003	TR0155	406	Authentication routine required but not provided.
0008	0003	TR0156	407	Encryption routine required but not provided.
0008	0003	TR0157	408	Filtering routine required but not provided.
0008	0003	TR0818	307	The translator could not write to the event log. The log might be full.
0008	0003	TR0820	308	Send trading partner transaction not for this trading partner, application, and direction.
0008	0003	TR0821	306	Application data format not found.
0008	0003	TR0822	309	Control string not found for this transaction.
0008	0003	TR0825	310	Trading partner profile member not found.
0008	0003	TR0826	311	Sender ID in envelope profile member is blank.

Translation Condition code tables

Table 99. Utility condition codes for Transaction Translation: environmental errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0003	TR0830	312	Input data block contains no data. Application data length is 0.
0008	0003	TR0834	313	Overran output buffer. User's output buffer is too small for the data.
0008	0003	TR0848	329	Failed to load a user exit routine.
0008	0003	TR0850	323	Standard delimiters are not unique. Update delimiters in envelope standard or trading partner profile.
0008	0003	SA0042	314	Access denied to function within resource.

Group condition codes

Table 100 shows the errors that indicate a serious problem with an entire functional group within an interchange. None of the transactions within the group are processed.

Table 100. Utility condition codes for Group translation errors

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0004	None	0	An error is detected in the functional group header or trailer. No transactions in the functional group are translated. Processing continues.
0008	0004	TR0100	301	Transaction set header is missing or invalid.
0008	0004	TR0102	303	Transaction set trailer is missing or invalid.
0008	0004	TR0107	409	S1S segment without S1E.
0008	0004	TR0108	410	S1E segment without S1S.
0008	0004	TR0151	402	Functional group control numbers do not match in header and trailer.
0008	0004	TR0153	404	Functional group trailer contains invalid transaction count.
0008	0004	TR0154	405	Authentication failed for group.
0008	0004	TR0155	406	Authentication routine required but not provided.

Translation Condition code tables

Table 100. Utility condition codes for Group translation errors (continued)

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0004	TR0156	407	Encryption routine required but not provided.
0008	0004	TR0157	408	Filtering routine required but not provided.
0008	0004	TR0158	411	There is a duplicate group within the interchange.
0008	0004	TR0207	506	Envelope is not defined correctly. Envelope definition damaged.
0008	0004	TR0208	507	Envelope is not defined correctly. Envelope definition damaged.
0008	0004	TR1257	412	Mandatory composite missing in service segment.
0008	0004	TR1258	413	Service segment data element too long.
0008	0004	TR1259	414	Service segment data element value not defined in validation table.
0008	0004	TR1260	415	Service segment data element value not consistent with data type.
0008	0004	TR1261	416	Mandatory data element missing in service segment.
0008	0004	TR1262	417	Service segment data element too small.

Interchange condition codes

Table 101 shows the errors indicating the translator was able to isolate an interchange to process, but there is a serious problem with that interchange, and none of the transactions are processed.

Table 101. Utility condition codes for Interchange translation errors

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0005	None	0	An error is detected in the interchange header or trailer. No transactions in the interchange are translated. Processing continues.
0008	0005	TR0150	401	Functional group header is missing or invalid.
0008	0005	TR0152	403	Functional group trailer is missing or invalid.

Translation Condition code tables

Table 101. Utility condition codes for Interchange translation errors (continued)

Severity UTILSEV	Condition code UTILCCODE	Message ID	Unique Code	Description
0008	0005	TR0201	501	Interchange header contains invalid sender ID. Cannot locate trading partner profile member.
0008	0005	TR0203	502	Interchange control numbers do not match in header and trailer.
0008	0005	TR0205	503	Interchange trailer contains invalid functional group count.
0008	0005	TR0206	504	Password does not match password in trading partner profile.
0008	0005	TR0207	506	Interchange is not defined correctly or the interchange is badly damaged and cannot be parsed.
0008	0005	TR0208	507	Received interchange segment contains invalid data.
0008	0005	TR0209	508	Expected delimiter not found. Encrypted data not immediately followed by segment delimiter.
0008	0005	TR0210	509	Envelope definition not found for received interchange.
0008	0005	TR0211	510	A duplicate interchange was detected and is being skipped.
0008	0005	TR1257	511	Mandatory composite missing in service segment.
0008	0005	TR1258	512	Service segment data element too long.
0008	0005	TR1259	513	Service segment data element value not defined in validation table.
0008	0005	TR1260	514	Service segment data element value not consistent with data type.
0008	0005	TR1261	515	Mandatory data element missing in service segment.
0008	0005	TR1262	516	Service segment data element too small.

Invalid Data condition codes

Table 102 shows the errors that indicate that the translator cannot identify the data it is reading from the file as standard data. The translator expects the ISA, UNB, SCH, ICS, BG, or GS segment to signal the start of standard data. Anything before, between, or after any of these valid interchanges is flagged as an error.

Table 102. Utility condition codes set by Invalid Data in the input file

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0008	0006	None	0	Invalid data found in the input file. Data does not match the format required by the standard.
0008	0006	TR0200	601	Interchange envelope header is missing or invalid.
0008	0006	TR0204	602	Interchange envelope trailer is missing or invalid.
0008	0006	TR0842	603	No standard data found in input file.
0008	0006	TR0202	604	Interchange header found while looking for a trailer.

Environmental and program error condition codes

Table 103 shows the errors considered so serious that the translator logs the appropriate message for the error and ends immediately.

Table 103. Utility condition codes for Environmental and program errors

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0012	0121	TR1201	916	A program error occurred during anchor processing.
0012	0122	TR1202	917	Unable to free main storage.
0012	0123	TR1203	918	Unable to read repository.
0012	0125	TR1205	919	QSAM failed to read file.
0012	0126	TR1206	920	QSAM failed to close file.
0012	0127	TR1207	927	Data Interchange ended because of severe error generating functional acknowledgments.
0012	0128	TR1208	928	Data Interchange ended because of severe error updating the management reporting databases.
0012	0129	TR1209	929	Error reading envelope control string.
0012	0130	TR0810	901	Profile read for update failed.
0012	0131	TR0811	902	Profile write failed.

Translation Condition code tables

Table 103. Utility condition codes for Environmental and program errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0012	0132	TR0812	903	Parameter count is invalid.
0012	0135	TR0815	904	A request to get main storage failed.
0012	0136	TR0816	905	Invalid function code.
0012	0137	TR0817	906	The transaction processor did not end because it is not active. This error also occurs if input records are out of sequence, such as a C record followed by a blank record.
0012	0147	TR0827	908	You cannot perform this function now. Function code not valid at this time.
0012	0148	TR0828	909	Input data block size invalid. Must be at least 32 Kb.
0012	0149	TR0829	910	Output data block size invalid. Must be at least 32K.
0012	0152	TR0832	911	Transaction Store call failed.
0012	0156	TR0836	912	Repository read failed.
0012	0158	TR0838	913	QSAM failed to open file.
0012	0159	TR0839	914	Requestor profile not found.
0012	0160	TR0840	915	Standards profile member not found.
0012	0163	TR0843	907	Receive file name in requestor profile is blank.
0012	0164	SA0042	921	Access denied to function within resource.
0012	0166	TR0846	922	Raw data control string not found.
0012	0167	TR0847	923	Failed to find security profile member.
0012	0168	TR0848	924	Failed to load a user exit routine.
0012	0169	TR0849	925	Error returned by user exit routine.
0012	0171	TR0851	926	An application data format ID is required when raw data is specified.
0012	0172	TR1252	930	Error reading target ADF control string.

Table 103. Utility condition codes for Environmental and program errors (continued)

Severity UTILSEV	Condition Code UTILCCODE	Message ID	Unique Code	Description
0012	0173	TR1253	931	No beginning/ending structure.
0012	0174	TR1254	932	No internal trading partner ID value.
0012	0175	TR1255	933	User exit (IUSEREXIT) not defined.
0012	0176	TR1256	934	IUSEREXIT returned an error.
0012	0177	TR1257	935	Mandatory composite missing in service segment.
0012	0178	TR1258	936	Service segment data element too long.
0012	0179	TR1259	937	Service segment data element value not defined in validation table.
0012	0180	TR1260	938	Service segment data element value not consistent with data type.
0012	0181	TR1261	939	Mandatory data element missing in service segment.
0012	0182	TR1262	940	Service segment data element too small.
0012	0183	TR1263	941	Database error obtaining lock.

Communications condition codes

Utility condition codes are specialized for communications functions. The condition code is not common between and . There is a different set of codes depending on the environment. These codes apply to the following commands:

- PERFORM SEND
- PERFORM RECEIVE
- Combination commands including SEND or RECEIVE

Table 104 describes Utility job step condition codes for sending and receiving in .

Table 104. Utility condition codes for Communications Services in .

Job Step Condition Code	Message ID	Description
0000	Multiple	Successful transmission. (Messages: FF0020 or FF0030)

Communications condition codes

Table 104. Utility condition codes for Communications Services in . (continued)

Job Step Condition Code	Message ID	Description
0001	VN1015	Successful transmission, but an invalid parameter was passed to the network program. Examine the network command output file for warning conditions. This applies to only. Note: Message ID VN1015, is also used under more serious circumstances (see DI Utility Condition code = 0015 below). A condition code of 0001 reflects a warning: all valid data was processed successfully. A code of 0015 indicates that one or more envelopes were not processed: processing ended prematurely.
0002	VN1040	No data received on a receive request. (Messages: FF0142 and VN1040.)
0002	FF0140	QSAM error prevented completion of request to clear the file (send requests).
0003	VN1041	Not able to process the network command output file.
0003	FF0111	Network profile not found.
0004	Multiple	Error in profile services. (Messages: VN1004 - VN1005 and PS0010 - PS0310.)
0005	FF0140	Network profile does not provide name of send/receive program.
0005	CM0005	Cannot pass control to VANIINB1.
0006	SA0042	No authority to perform network functions.
0007	CM0006	Network ID is invalid for the environment.
0015	VN1015	Invalid parameter passed to network program. One or more envelopes were not sent/received. Processing ended prematurely. Examine the network command output file for errors.
nnnn	Multiple	Other severity 0008 condition codes are possible, but unlikely. The code will reflect the last three characters of the communications extended return code. For example: Communications returns 8 and 1012 (for msg ID VN1012); the Utility returns 0012.
nnnn	Multiple	When the communications return code is 0012, all condition codes are 120 plus the last three characters of the communications extended return code. For example: Communications returns 12 and 1016 (for msg ID VN1016); the Utility returns 0136.

Table 105 on page 245 describes Utility condition codes for sending and receiving in .

Communications condition codes

Table 105. Utility Condition codes for Communications Services in .

Severity UTILSEV	Condition code UTILCCODE	Message ID	Description
0000	0000	Multiple	Successful transmission. (Messages: FF0020 or FF0030)
0004	0002	VN1040	No data received on a receive request. (Messages: FF0142 and VN1040.)
0008	0003	FF0111	Network profile not found.
0008	0004	Multiple	Error in profile services. (Messages: VN1004 - VN1005 and PS0010 - PS0310.)
0008	0007	CM0006	Network ID is invalid for the environment.
0008	0017	VN1017	Error occurred during the execution of an Expedite/CICS command. Examine the print file or the event log for the Expedite/CICS error.
0008	0019	VN1019	A timeout error occurred while was waiting for Expedite/CICS to complete a continuous receive termination request.
0008	0020	VN1020	A timeout error occurred while was waiting for Expedite/CICS to complete a request to receive network acknowledgments.
0008	0021	VN1021	A timeout error occurred while was waiting for Expedite/CICS to complete a single receive request.
0008	nnnn	Multiple	Other severity 0008 condition codes are possible, but unlikely. The code will reflect the last three characters of the communications extended return code. For example: Communications returns 8 and 1012 (for message ID VN1012); the Utility returns 0012.
0012	nnnn	Multiple	When the communications return code is 0012, all condition codes are 120 plus the last three characters of the communications extended return code. For example: Communications returns 12 and 1016 (for msg ID VN1016); the Utility returns 0136.

Communications condition codes

Table 105. Utility Condition codes for Communications Services in . (continued)

Severity UTILSEV	Condition code UTILCCODE	Message ID	Description
0008	0300	Multiple	Error occurred while attempting to retrieve a continuous receive profile during a start or stop of continuous receive. (Messages: CR0010 and PS0301.) Examine the event log for PS0301 and take the action indicated.
0008	0303	Multiple	Error occurred in Expedite/ during start and stop of continuous receive. (Messages: CR0040 and VM1017 or VN1019).

Combination command condition codes

When there is a problem processing a combination command, supplies one condition code for your application. This condition code might not specifically identify the problem area. If the condition code is insufficient for problem identification, restart the Utility using separate commands. This section describes the error conditions that can occur during combination command processing.

Translate and Send errors

When you issue a PERFORM TRANSLATE AND SEND command to , several error conditions can occur. If a severe error occurs during translation, ignores the send request, and the utility condition code reflects the translator-extended return code. If an error that is not severe occurs during translation, attempts to complete the send process. If the send is successful, the utility condition code reflects the translator-extended return code. If an error occurred during the send, the utility condition code is a communications condition code, regardless of translation errors.

Envelope and Send errors

When you issue a PERFORM ENVELOPE AND SEND or PERFORM REENVELOPE AND SEND command, errors can occur during the enveloping process. When an enveloping error occurs, the utility condition code returned is 464 (ENVELOPE) or 480 (REENVELOPE), and the send is not done. If enveloping or reenveloping is successful, the send is issued. The utility condition code is set to a communications condition code if an error occurs during the send.

Combination Receive errors

When you issue a PERFORM RECEIVE AND DEENVELOPE or PERFORM RECEIVE AND TRANSLATE command, several error conditions can occur. If an error occurs during a receive, a communications condition code returns. If a receive is successful, de-enveloping (and translation) is done. If an error occurs during this process, the corresponding translator extended return code is given as the utility condition code. When multiple WHERE clauses are specified, giving multiple requestor IDs, the first error (except for an empty mailbox) terminates the command, and this error is given as the utility condition code.

Chapter 5. Data Transformation condition and error codes

This chapter describes the condition codes that might be set by the Message Broker component during a data transformation. Also, in some cases, messages might refer to a return code from a node or parser utility function, or from a character conversion function. If you receive an error message that states one of these functions returned an error, the error code descriptions in this chapter provide information about the nature of the error.

Data Transformation (Message Broker Utility)

This table describes the condition codes returned from the Message Broker when executing PERFORM TRANSFORM commands.

Table 106. Message Broker Utility condition codes

Severity UTILSEV	Condition Code UTILCCODE	Msg ID	Description
0000	0000	FF0585	The data transformation completed successfully.
0008	0004	FF0584	The highest error condition encountered during data transformation was 4. Examine the Utility audit file messages to determine acceptability of the transformation.
0008	0008	FF0584	The highest error condition encountered during data transformation was 8. Examine the event log or Utility audit file messages. This error means the transformation was not successful.
0008	0012	FF0584	The highest error condition encountered during data transformation was 12. Examine the event log or Utility audit file messages. This error means the transformation was not successful.

Node and Parser Utility return codes

The node and parser utility functions are used to manipulate the internal format of the data (often referred to as the “abstract message model,” or “AMM”). This includes copying input and output data to and from the internal format, and internal manipulations, such as translation, enveloping, and deenveloping, and so on. These functions start with **cpi**, **cci**, and **cni** prefixes, for example, **cniSearchFirstChild**.

This table describes the codes that are returned by the node and parser utility functions. Unless noted, these errors typically indicate internal errors within or installation.

Table 107. Node and parser return codes

Code	Code name	Description
0	CCI_SUCCESS	A function completed successfully.
-1	CCI_FAILURE	A function was unsuccessful.
8	CCI_INV_FACTORY_NAME	A factory name that is not valid (blank) was specified.
9	CCI_INV_FACTORY_OBJECT	A null pointer was specified for the factory object.
10	CCI_INV_NODE_NAME	A node name that is not valid (blank) was specified.
11	CCI_INV_NODE_OBJECT	A null pointer was specified for the node object.
12	CCI_INV_TERMINAL_NAME	A terminal name that is not valid (blank) was specified.
13	CCI_INV_TERMINAL_OBJECT	A null pointer was specified for the terminal object.
14	CCI_INV_MESSAGE_OBJECT	A null pointer was specified for the message object.
15	CCI_INV_ELEMENT_OBJECT	A null pointer was specified for the element object.
16	CCI_INV_PARSER_NAME	A parser class name that is not valid (blank) was specified.
17	CCI_INV_PARSER_OBJECT	A null pointer was specified for the parser object.
18	CCI_INV_VFTP	A null pointer was specified for the address of the plug-in virtual function pointer table.
19	CCI_INV_DATA_POINTER	A null pointer was specified for the address of an output data area.
20	CCI_INV_LENGTH	A length of zero was specified.
21	CCI_NAME_EXITS	A parser with the same class name already exists.
22	CCI_BUFFER_TOO_SMALL	The output buffer is not large enough to store the requested data.
23	CCI_NO_BUFFER_EXISTS	No buffer exists for the specified parser object.
24	CCI_PARSER_NAME_TOO_LONG	The name of the parser class is too long.
25	CCI_NO_EXCEPTION_EXISTS	No previous exception was found for this thread.
26	CCI_INV_MESSAGE_CONTEXT	A null pointer was specified for the message context.
27	CCI_INV_DATA_BUFLLEN	A data buffer length of zero was specified.
28	CCI_MISSING_IMPL_FUNCTION	A mandatory implementation function was not defined in the function pointer table.

Table 107. Node and parser return codes (continued)

Code	Code name	Description
29	CCI_INV_OBJECT_NAME	Characters specified in the object name were not valid.
30	CCI_INV_LOG_TYPE	The specified log type is not valid.
31	CCI_INV_SQL_EXPR_OBJECT	A null pointer was specified for an SQL expression value.
32	CCI_INV_TRANSACTION_TYPE	An invalid value was specified for the transaction type.
33	CCI_INV_STATEMENT	A statement was not specified.
64	CCI_EXCEPTION	An exception occurred.
65	CCI_EXCEPTION_UNKNOWN	An unknown exception was specified or encountered.
66	CCI_EXCEPTION_FATAL	A fatal exception was detected when invoking the function.
67	CCI_EXCEPTION_RECOVERABLE	A recoverable exception was detected when invoking the function.
68	CCI_EXCEPTION_CONFIGURATION	A configuration exception was detected when invoking the function.
69	CCI_EXCEPTION_PARSER	This is issued whenever the parser cannot convert the data between the internal format and the external format. There are normally additional messages that describe the specific errors.
70	CCI_EXCEPTION_CONVERSION	A conversion exception was detected when invoking the function.
71	CCI_EXCEPTION_USER	User exception was detected when invoking the function.

Character ronversion return codes

The character conversion functions are used to convert data between the input or output format and the 16-bit unicode format (UCS-2) that is used to manage the data internally. Examples of input and output formats include codepage IBM-850 (ASCII), IBM-1047 (EBCDIC), or UTF-8 (a method of encoding unicode). The character conversion functions start with **cv**t prefixes, for example, **cv**tUcs2Mbs.

Note: Formats such as ASCII and EBCDIC codepages are still treated as “multibyte,” even though each character is represented by exactly one byte.

This table describes the codes that are returned by the character conversion functions.

Table 108. Character conversion return codes

Code	Code name	Description
0	CNV_SUCCESS	Successful completion.

Table 108. Character conversion return codes (continued)

Code	Code name	Description
1	CNV_NOT_INITIALIZED	A character conversion was attempted before the initialization function was successfully called. This is typically caused by an internal error.
2	CNV_FAILURE	The conversion failed. This typically occurs when the data contains characters that cannot be converted to the target codepage.
3	CNV_BUF_TOO_SHORT	The output buffer is too short for the data. This is typically caused by an internal error.

Chapter 6. Document Layout Utility messages

Document Layout messages

The Document Layout Utility provides messages for the following:

- File errors
- services errors
- Layout statement errors

Correct file errors and statement errors using the information in this section and the descriptions of the layout statements. Report errors to support personnel.

When the utility finds an error in a layout statement, it prints a message along with the input line number of the statement and the message ID. Use the message ID to refer to Table 109 for more information about the error. Certain error conditions affect the amount of checking performed on the remaining statements. Therefore, getting an error-free file of layout statements can take several attempts. A document layout is not added to the VSAM file until it has no errors.

The following table describes the messages you can receive.

Table 109. Document Layout Utility messages

Message ID	Message and user response
LT0000	DD or environment variable for file &1; not set Ensure that the ddname in the DMAP21 CLIST is correct, then run the Document Layout Utility again.
LT0001	Opening file &1; failed with return codes &2; and &3; Check for path errors. Ensure that the file exists and that the ddname in the DMAP21 CLIST is correct, then run the Document Layout Utility again.
LT0002	Read file &1; failed with return codes &2; and &3; Check the file for the correct record format (80 characters, fixed length), then run the Document Layout Utility again.
LT0003	Write file &1; failed with return codes &2; and &3; Ensure that there is enough disk space and check the file for the correct record format, then run the Document Layout Utility again.
LT0004	Close file &1; failed with return codes &2; and &3; Report the error to support personnel.

Document Layout messages

Table 109. Document Layout Utility messages (continued)

Message ID	Message and user response
LT1000	Service &1; function &2; failed with return codes &3; and &4; Check the EDI CLIST. If it is correct, report the error to support personnel.
LT2000	Line: &1; - Statement name is invalid Correct the statement name, then run the Document Layout Utility again.
LT2001	Line: &1; - Data format name is invalid or does not exist Ensure that the name matches the application data format ID that was used to define the application data format, then run the Document Layout Utility again.
LT2002	Line: &1; - Layout type is invalid Ensure that the layout type is VIEW, PRINT, or BOTH, then run the Document Layout Utility again.
LT2003	Line: &1; - Group type is invalid Ensure that the group type is SUPPRESS, HEADING, or DEFINE, then run the Document Layout Utility again.
LT2004	Line: &1; - Structure name is invalid or does not exist Ensure that the structure name is spelled correctly and the structure path in the layout matches the hierarchy of structures in the application data format. Run the Document Layout Utility again.
LT2005	Line: &1; - Field name is invalid or not in the current structure Ensure that the field name is spelled correctly and that the structure path to the field matches the hierarchy of structures in the application data format, then run the Document Layout Utility again.
LT2099	Line: &1; - Error in parameter syntax Check the statement for syntax errors such as missing or extra parameters, then run the Document Layout Utility again.
LT3000	Line: &1; - &2; row invalid Correct the row value, then run the Document Layout Utility again.
LT3001	Line: &1; - &2; column invalid Correct the column value, then run the Document Layout Utility again.

Table 109. Document Layout Utility messages (continued)

Message ID	Message and user response
LT3002	Line: &1; - &2; depth invalid Correct the depth value, then run the Document Layout Utility again.
LT3003	Line: &1; - &2; width invalid Correct the width value, then run the Document Layout Utility again.
LT3004	Line: &1; - &2; generate value invalid Correct the <i>repeat</i> parameter. It should not be greater than maximum use for the data format structure. If you began mapping at the second or a later occurrence, the repeat count must be proportionately less than maximum use. Run the Document Layout Utility again.
LT3005	Line: &1; - &2; suppression flag is invalid Change the <i>suppress</i> parameter to 0 (do not suppress) or 1 (suppress), then run the Document Layout Utility again.
LT3006	Line: &1; - &2; occurrence value invalid Ensure that the occurrence number is in the range of from 1 to the maximum use value of the structure in the application data format. For a nonrepeating structure, ensure that the statement omits the <i>occurrence number</i> parameter and preceding comma or uses a value of 0 for it. Run the Document Layout Utility again.
LT3099	Line: &1; - Parameter is not numeric Change the parameter to a numeric value, then run the Document Layout Utility again.
LT4000	Line: &1; - &2; literal is missing or for the wrong data type For a field, you cannot supply a literal (initial value) unless the data type of the field in the data format is ID, AN, or CH. For data type AN, ensure that the data is alphanumeric. Correct the initial value or delete it if necessary and run the utility again. For a literal, supply the missing text. Run the Document Layout Utility again.
LT4001	Line: &1; - &2; outside or overlaps group boundary Ensure that the position of literals and fields are with the boundaries of their group, then run the Document Layout Utility again.
LT5000	Line: &1; - &2; overlaps another object Ensure that the positions (row and column values) of fields and literals do not overlap, then run the Document Layout Utility again.

Document Layout messages

Table 109. Document Layout Utility messages (continued)

Message ID	Message and user response
LT5001	<p>Line: &1; - Neither output position nor initial value specified</p> <p>Supply the row and column position if the field is to appear on the layout. You can also supply an initial value if the data type of the field is ID, AN, or CH. You must supply one or the other, then run the Document Layout Utility again.</p>
LT6000	<p>Line: &1; - GROUP / ENDGROUP mismatch</p> <p>Ensure that there is one ENDGROUP for every GROUP statement. If you supplied group names, ensure that there are matching pairs. Run the Document Layout Utility again.</p>
LT6001	<p>Line: &1; - No STRUCT found to generate</p> <p>If the <i>repeat</i> parameter is correct, make sure a STRUCT statement with multiple occurrences precedes the first field in the group. If there are no repeating structures in the group, change the <i>repeat</i> parameter to 0. Run the Document Layout Utility again.</p>
LT9000	<p>Process completed successfully</p> <p>The utility successfully processed the statement file.</p>
LT9001	<p>Process failed</p> <p>The Document Layout Utility encountered one or more errors. It did not create the document layout.</p>
LT9002	<p>Process failed — VSAM record too large</p> <p>The layout record exceeds 32 KB, the maximum. Revise the statements using multiple occurrences (the <i>repeat</i> parameter) where possible, then run the Document Layout Utility again.</p>

Chapter 7. User Abend Codes

This chapter provides information about user abends that might occur within execution of

Abend Code: U0031

Severity: 12

Problem Determination: This abend occurs when an interfacing product, such as or DB2, has not been link-edited properly with . During installation, SMP/E apply processing requires that interfacing product libraries be specified so that modules can be link-edited correctly. SMP/E CALLLIB processing is used to resolve external references to other products. If the libraries were not correctly specified, a "stub" was included that issues the U0031 abend when the incorrectly installed interface is executed. The stubs are contained in target library EDI.V3R2MO.SEDISTUB.

User Response: If you do not have the optional product, you will not be able to use the function. If you do have the optional software, and wish to interface with it, the interface link-edit must be redone.

- Re-apply with REDO or,
- Create link-edit JCL based on the JCLIN for the failing module.

Appendix A. Interpreting the event log

The event log provides a chronological record of significant Data Interchange events. The management of event logging and instructions for viewing the event logs are described in the *Data Interchange Administration Guide*.

The event log contains variable length records (log entries). Each log entry has information about a specific event. Several log files can exist, but only one can exist for each application. Each log entry is formatted as follows:

Table 110. Event Logging Services: Log Entry

Label	Type	Length	Description/Value/Comments
ELDATE	char	8	Date entry is written to log file (format, YYYYMMDD).
ELTIME	char	6	Time entry is written to log file (format, HHMMSS).
ELEID	char	64	ID of entry written to log file (generated by the event logging or provided by the component requesting the log). An E as the first character ID indicates that the ID was generated by event logging.
ELAEID	char	64	Associated ID of entry written to log file. If a transaction is being processed at the time of the log, this ID is the Transaction Store handle; otherwise it is the same as the log ID (ELEID).
ELUSERID	char	8	User ID obtained from the common control block (CCB).
ELJOBID	char	8	The Job ID is the logical name of the Data Interchange component requesting the log. If the log request is from Common Error Services, the job ID is EDIxx, where xx is the component ID of the component detecting the error.
ELAPPLID	char	8	Application ID obtained from the CCB.

Table 110. Event Logging Services: Log Entry (continued)

Label	Type	Length	Description/Value/Comments
ELSYSID	char	8	This entry is not currently used.
ELFMTID	char	16	Format ID provided by the calling program in the ECB.
ELDATLEN	hex	2	Size of variable data that is logged (length of ELVARDAT).
ELVARDAT	char	<i>v</i>	Log data from the calling program.
Note: <i>v</i> = variable			

Interpreting log entries

Some of the data fields in a log entry are formatted so that you can find them easily. These include the date and time and several IDs, such as the ID of the log entry. Logged messages are unformatted and not as easy to read. The following key can help:

```

      1 1          (columns)
1    7 9 1 3
-----
Msg ID*nn*Text (variable length)**Symptoms (up to 256 bytes)

```

An asterisk * is used to separate the parts of the entry, and *nn* is one of the following types of severity code:

- 00 Informational
- 04 Warning
- 08 Error
- 12 Severe error

For example:

```

TR1201*12*A program error occurred during anchor processing**
RC=12 ERC=01 FUNC=0212

```

The first two characters of the message ID identify the component detecting the error. In this example, TR indicates the translator.

Translator Messages

The translator uses a unique format to report translation errors. It shows where and what the error is without having to log an image of the transaction. The following figure shows a sample translator message from the Audit Trail Report.

```

Message: TR0004 Severity: 04
Code in ID type field not found in validation table. Internal Trading
Partner ID and Application Format = TP112233 - POSEND. Transaction
handle, code, mode, and function = 19900927115530000001 - 810 -
PRODUCTION RECEIVE. Interchange, group, and transaction control
numbers = 000000009 - 26 - 0059. Current Loop-ID and repetitions =

```

111000 - 2 - 3 - 1. Standard segment and field ID = NTE field(005)
 - 8 - 3 - 2 - (2,0). Application field ID = POLINEITEM - 10. Data
 type and value = AN - A1VALUE. Validation table name = CHKCODE.

For more information about the Audit Trail Report, see the *Data Interchange Programmer's Reference*.

The following list describes the translator error messages.

- Internal trading partner ID and application format = TP112233 - POSEND
 - Internal trading partner ID is a name specified during mapping.
 - Application format is the ID of an existing data format.
- Transaction handle, code, mode, and function = 19900927115530000001 - 810 - PRODUCTION - RECEIVE
 - Transaction handle is the ID from the Transaction Store.
 - Code is the standard transaction or message code.
 - Mode is TEST or PRODUCTION.
 - Function is the current translator function.
- Interchange, group, and transaction control numbers = 000000009 - 26 - 0059
 Control numbers from the interchange, group, and transaction or Message Services segments.
- Current loop-ID and repetitions = 111000 - 2 - 3 - 1
 This example indicates that the error occurred in repetition 2 of loop 111000, within repetition 3 of its nesting loop, within repetition 1 of the next outer loop. You can have up to six repetition values.
- Standard segment and field ID = NTE(005) - 8 - 3 - 2 - (2,0)
 The substitution values are: segment ID (sequence) - occurrence - repetition - field number - (data element, subelement)
 This example indicates:
 - The error occurred in the NTE segment defined in the standard as sequence number 005.
 - This is the eighth segment within the received transaction, where the transaction header is segment number 1.
 - This is the third repetition of the NTE(005) segment. This value is always 1 unless the segment is defined as a repeating segment.
 - The error is in the second field within the NTE segment being received, where the segment ID is considered field number 1, and each data element or subelement contained in the received data increases the value by 1. The text (E05) will be used if the end of segment has been received. All subelements will be counted as present even if they are not physically present in the data.
 - The error is in the second simple or composite data element, as defined in the standard, where the segment ID is considered to be field number 1.
 - Because the second element is not a composite field, the subelement value is 0. If the error involved a subelement, the subelement value would indicate which component was in error, as defined in the standard, with the numbers starting at 1.
- Application field ID = POLINEITEM - 10
 The substitution values are: structure name - offset
 This example indicates that the error occurred in the field at offset 10 in structure POLINEITEM. (The first position is at offset 1.)
- Data type and value = AN - A1VALUE

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- Validation table name = CHKCODE

Appendix B. Interpreting the Trace Output

The Service Director trace is a wraparound storage trace of all services invoked through the Service Director. The Service Director uses a 32 KB buffer of storage that is filled with trace entries whenever services are requested through the Service Director. These trace entries consist of information that is relevant to each type of service that is invoked. Each time the Service Director reaches its wrap point (the 32 KB buffer is full), the Service Director writes the trace to the dump data set if either of the following situations is true:

- For , the EDITRACE dump data set is allocated. In this case, the trace is written to this data set.
- For CICS, an EDITRACE temporary storage queue is defined. In this case, the trace is written to the CICS dump data set.

If neither of the above situations is true, the trace wraps around and reuses the 32 KB trace buffer. In this case, the trace can be seen only in a system dump.

The trace contains five basic entry types and nine subentry types for the Service Director Environmental Services call.

Use the description tables, sample dump layout, and field value tables in this appendix to become familiar with the information provided for a trace.

Basic Entries

- Trace header
- Trace end
- Service call
- Service return
- Service Director Environmental Services call

Subentries

- Service Director initialization
- Add service
- Delete service
- Getmain
- Freemain
- Set anchor
- Get anchor
- Load module
- Link module

The trace dump reflects columns of information for each entry and subentry recorded. Information shown in a particular column differs for each entry or subentry recorded. Field and column description tables are provided to give complete field and offset descriptions for each trace entry.

Basic Entries

The trace contains five basic entry types when calling the Service Director Environmental Services. Basic entry types are:

- Trace header
- Trace end
- Service call

Interpreting the Trace Output

- Service return
- Service Director Environmental Services call

Trace Header

This entry is always the first entry in the trace.

Table 111. Trace header: basic entry

Offset	Length	Field description
0	4	Trace starting address
4	4	Trace ending address
8	4	Current trace entry
12	4	Trace size
16	4	common block address
20	4	common block extension address
24	8	Low values: X'00'

Trace End

This entry is always the last entry in the trace.

Table 112. Trace end: basic entry

Offset	Length	Field description
0	4	Filler; X'5b'
4	16	Trace end literal ' END OF TRACE '
8	4	End of file
8	28	No space available
8	68	Not authorized
8	108	Invalid record length
8	160	Invalid request (CICS only)
20	12	Low values: X'00'

Service Call

This entry is made when a service is invoked through the Service Director.

Table 113. Service Call: basic entry

Offset	Length	Field description
0	8	Service logical name.
8	4	Entry address. Address to which control is transferred.
12	4	Return address. Address to which control is transferred when returning from this module.
16	2	Service function code. This code indicates the requested function from the component being called.

Table 113. Service Call: basic entry (continued)

Offset	Length	Field description
18	2	Call nesting level.
20	8	Time-of-day clock value.
28	4	Save area of caller.

Service Return

This entry is made when a service is invoked through the Service Director.

Table 114. Service Return: basic entry

Offset	Length	Field description
0	8	Service logical name.
8	4	Return code. Return code from the common control block (CCB).
12	4	Extended return code. Function level return code from the CCB.
16	2	Low values - X'00'.
18	2	Call nesting level.
20	12	Filler; X'5b'.

Service Director Environmental Services Call

This entry is made each time the Service Director is invoked for Environmental Services. This entry has the same format as a service call entry, except the logical name is ENVSERV. This entry is always followed by a Service Director function entry.

Table 115. Service Director Environmental Services Call: basic entry

Offset	Length	Field description
0	8	Component logical name is ENVSERV.
8	4	Entry address. Address where control is transferred.
12	4	Return address. Address where control is transferred when returning from this module.
16	2	Service function code. This code indicates the requested function from the component being called.
18	2	Call nesting level.
20	8	Time-of-day clock value.
28	4	Save area of caller.

Subentries

The trace contains nine subentry types when calling the Service Director Environmental Services. Subentry types are:

- Service Director initialization
- Add service
- Delete service
- Getmain
- Freemain
- Set anchor
- Get anchor
- Load module
- Link module

Service Director Initialization

This entry is made when the Service Director is initialized. This is always the second entry in the trace and has the same format as a component return entry, except the component logical name is ENVSERV.

Note: This entry is the only Service Director function entry that is not preceded by a Service Director call entry.

Table 116. Service Director Initialization: subentry

Offset	Length	Field description
0	8	Function name is INITSERV.
8	4	Return code from the CCB.
12	4	Extended return code. Function level return code from the CCB.
16	2	Service function code 1.
18	2	Call nesting level 2.
20	8	Time-of-day clock value.
28	4	Save area of caller.

Add Service or Delete Service

This entry is made when the Service Director adds or deletes a service component from the service table.

Table 117. Add Service or Delete Service: subentry

Offset	Length	Field description
0	8	Function name is ADDSERV or DELSERV.
8	8	Logical name of the component to be added or deleted.
16	8	Physical name of the component to be added or deleted.
20	12	Filler; X'00'.

Getmain or Freemain

This entry is made when the Service Director gets or frees storage.

Table 118. Get or Free Storage: subentry

Offset	Length	Field description
0	8	Function name is GETMAIN or FREEMAIN.
8	16	Filler; X'00'.
24	4	Address of the storage.
24	4	Length of the storage.

Set Anchor

This entry is made when the Service Director is called to establish or delete an anchor pointing to a block of storage.

Table 119. Set Anchor: subentry

Offset	Length	Field description
0	8	Function name is SETANCHR.
8	8	Logical name of the component requesting the anchor.
16	8	Name of the requested anchor.
24	4	Address of the storage. If the call is to delete an anchor, this field is equal to '00000000'.
28	4	Filler; X'00'.

Get Anchor

This entry is made when the Service Director is called to retrieve an anchor pointing to a block of storage.

Table 120. Get Anchor: subentry

Offset	Length	Field description
0	8	Function name is GETANCHR.
8	8	Logical name of the component requesting the anchor.
16	8	Name of the requested anchor.
24	4	Address of the storage. If the anchor has not been set, this field is equal to '00000000'.
28	4	Filler; X'00'.

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Load or link module

This entry is made when the Service Director is called to load or link a component module.

Table 121. Load or link module: subentry

Offset	Length	Field description
0	8	Function name is LOAD or LINK.
8	8	Name of the component module to be loaded or linked to.
16	8	Name of the requested anchor.
24	4	Load address.
28	4	Filler; X'00'.

Case example

This example reflects several entries and subentries that can appear on a trace dump. Each entry or subentry (A-D) below corresponds to one of the field value tables on the following pages:

- A Service Director is invoked for Environmental Services to get main storage.
- B Address and length of added storage is recorded.
- C An anchor is set that points to the block of main storage. The logical name of the component requesting the storage and the name assigned to the anchor that points to storage are recorded.
- D Control of Environmental Services is returned by the Service Director.

Sample Report and Field Value Tables

The dump report format in Figure 1 and the field value tables that follow support the entries and subentries in the preceding case example. For complete field descriptions associated with each entry and subentry, refer to the entry and subentry description tables beginning with "Trace Header" on page 262.

Legend: Columns = trace dump offsets (SA is storage address) Rows = entries and subentries
→ SA → 0 → 4 → 8 → 12 → 16 → 20 → 24 → 28 → CHAR
A B C D

Figure 1. Dump Report Format

Entry A (Service Director Call)

Offset	Value	Description
0 for 8	C5D5E5E2 C5D9E540	Component name
8 for 4	000506D8	Entry address
12 for 4	0006D6F8	Return address
16 for 2	000A	Service function code
18 for 2	0002	Call nesting level
20 for 8	A757B9BF 2689F624	Time-of-day clock
28 for 4	0825A4E8	Save area of caller

CHAR representation for these fields is:

ENVSERV6....Y

Interpreting the Trace Output

Entry B (Getmain/Freemain Call)

Offset	Value	Description
0 for 8	C7C5E3D4 C1C9D540	Function name
8 for 16	0s	Filler
24 for 4	082EC0F0	Storage address
28 for 4	00003F10	Length of storage

CHAR representation for these fields is:
GETMAIN0....

Entry C (Set Anchor)

Offset	Value	Description
0 for 8	E2C5E3C1 D5C3C8D9	Function name
8 for 8	D7D9D6C6 D3C5E2E5	Requesting component
16 for 8	D7E2C1D5 C3C8D6D9	Name of anchor
24 for 4	082EC0F0	Storage address
28 for 4	0s	Filler

CHAR representation for these fields is:
SETANCHRPROFLESVPSANCHOR...0....

Entry D (Component Return)

Offset	Value	Description
0 for 8	C5D5E5E2 C5D9E540	Component name
8 for 4	00000000	Return code
12 for 4	00000000	Extended return code
16 for 2	0000	Filler
18 for 2	0002	Call nesting level
20 for 8	A757B9BF 269E2224	Time-of-day clock
26 for 4	5Bs	Filler

CHAR representation for these fields is:
ENVSERV

Finding the trace if a dump was requested

For , the trace is written to the EDITRACE dump data set each time the trace gets to the wrap point. For CICS, the trace is written to the active CICS dump data set each time the trace gets to the wrap point. The current entry is the last entry.

Finding the trace if a dump was not requested

The trace can be seen only in a system dump. To locate the trace in a system dump, look for the list of service names contained in the first eight bytes of the interpreted portion of the dump. The pointer to the current trace entry can be found in the trace header. The current trace entry can also be found just before the first trace end entry.

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